Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111618\
Data File : BE098239.D
Acq On : 16 Nov 2018 20:57
Operator : SJ/JU
Sample : J5931-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS027-181112

Quant Time: Nov 16 22:53:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 16 19:05:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1307	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	6422	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4413	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	10531	0.40	ng		0.00
27) Chrysene-d12	21.46	240	11614	0.40	ng		0.00
34) Perylene-d12	24.01	264	11040	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	710	0.20	ng		0.00
5) Phenol-d6	7.03	99	654	0.12	ng		0.00
8) Nitrobenzene-d5	9.02	82	2905	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	4817	0.43	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	1003	0.71	ng		-0.01
15) 2-Fluorobiphenyl	13.14	172	15424	0.80	ng		0.00
25) Fluoranthene-d10	19.31	212	59006	0.46	ng		0.00
29) Terphenyl-d14	19.91	244	14688	0.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	220	0.107	ng	#	1
3) n-Nitrosodimethylamine	3.67	42	73	0.032	ng	#	34
6) bis(2-Chloroethyl)ether	7.29	93	12	0.003	ng	#	31
9) Naphthalene	10.72	128	243	0.004	ng	#	58
10) Hexachlorobutadiene	10.99	225	2	0.001	ng	#	19
12) 2-Methylnaphthalene	12.34	142	17	0.001	ng	#	47
16) Acenaphthylene	14.25	152	68	0.003	ng	#	1
17) Acenaphthene	14.60	154	10	0.001	ng	#	3
18) Fluorene	15.57	166	55	0.003	ng	#	66
20) 4-Bromophenyl-phenylether	16.46	248	10	0.002	ng	#	15
21) Hexachlorobenzene	16.59	284	13	0.002	ng	#	1
22) Pentachlorophenol	16.94	266	39	0.130	ng	#	76
23) Phenanthrene	17.41	178	1076	0.040	ng		99
24) Anthracene	17.41	178	1012	0.041	ng		96
26) Fluoranthene	19.34	202	209	0.006	ng	#	90
28) Pyrene	19.71	202	390	0.011	ng	#	85
30) Benzo(a)anthracene	21.45	228	383	0.011	ng	#	13
31) Chrysene	21.50	228	220	0.006	ng	#	19
32) Bis(2-ethylhexyl)phthalate	21.37	149	4945	0.094	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	196	0.007	ng	#	72
35) Benzo(b)fluoranthene	23.23	252	311	0.010	ng	#	1
36) Benzo(k)fluoranthene	23.28	252	254	0.007	ng	#	1
37) Benzo(a)pyrene	23.90	252	184	0.006	ng	#	1
38) Dibenzo(a,h)anthracene	26.72	278	42	0.002	ng	#	1
39) Benzo(g,h,i)perylene	27.52	276	64	0.002	ng	#	1

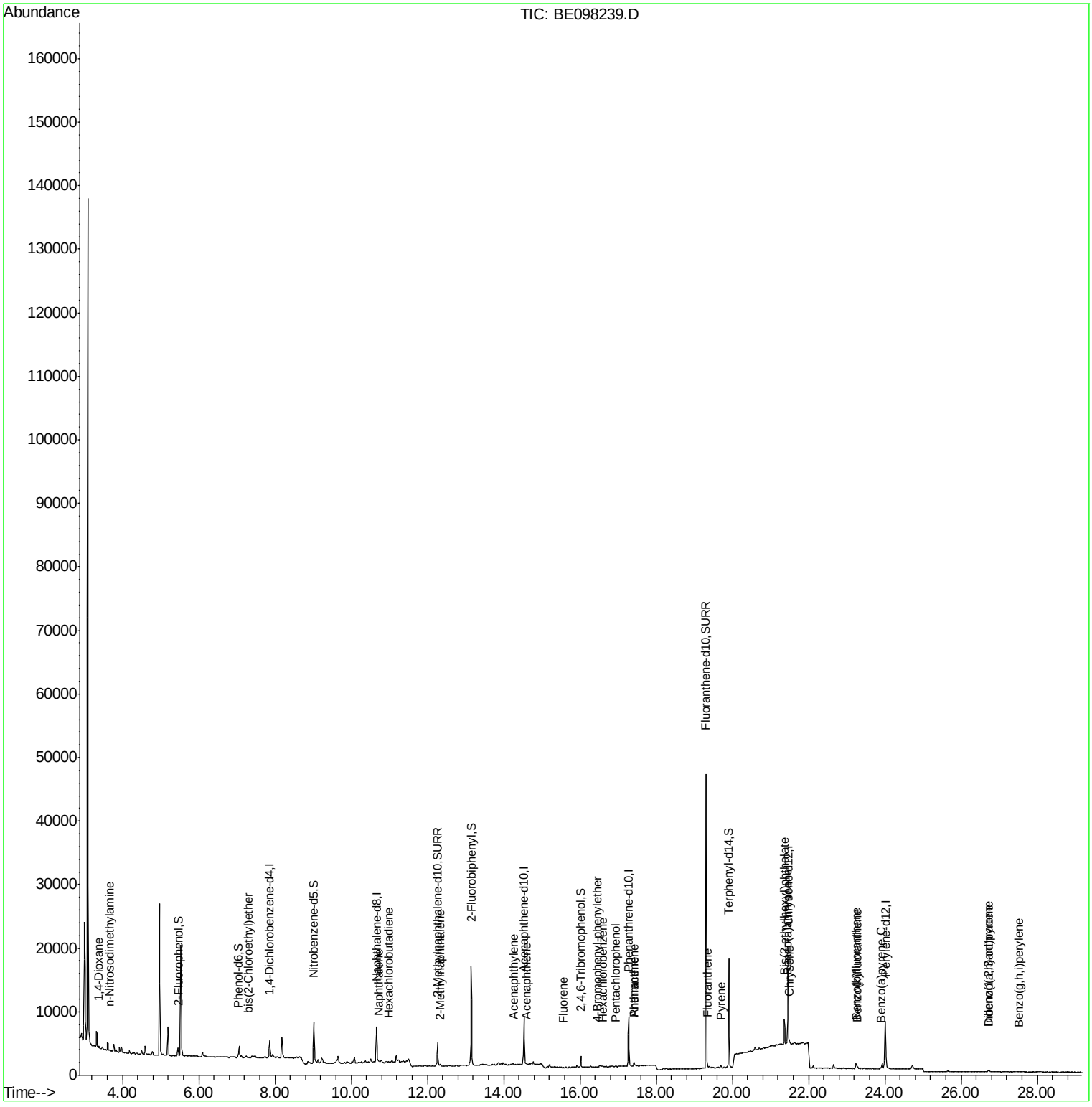
(#) = qualifier out of range (m) = manual integration (+) = signals summed

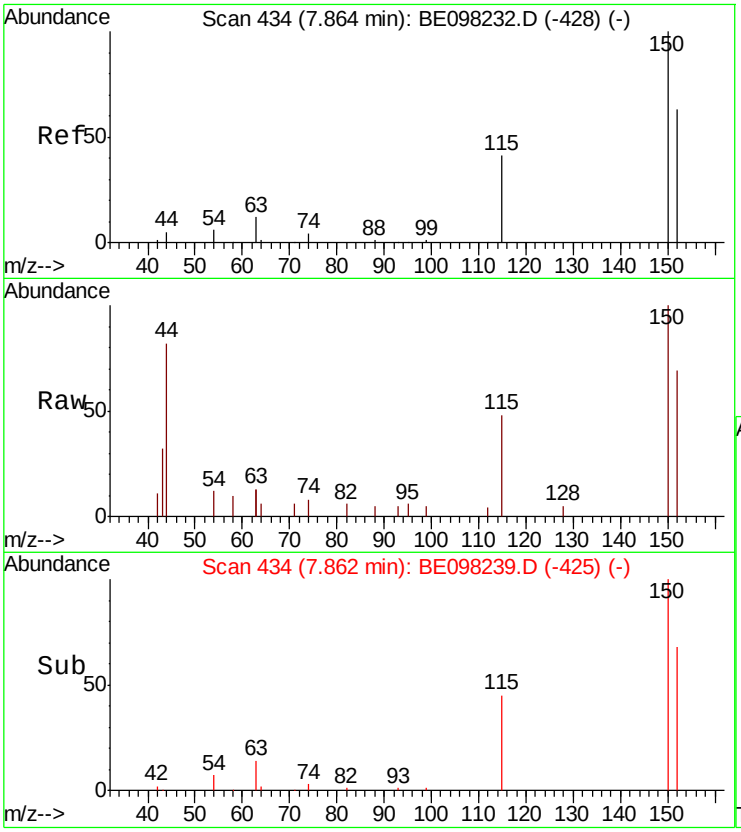
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111618\
Data File : BE098239.D
Acq On : 16 Nov 2018 20:57
Operator : SJ/JU
Sample : J5931-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Quant Time: Nov 16 22:53:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 16 19:05:33 2018
Response via : Initial Calibration



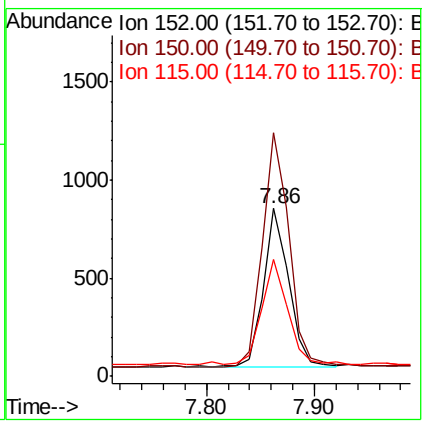


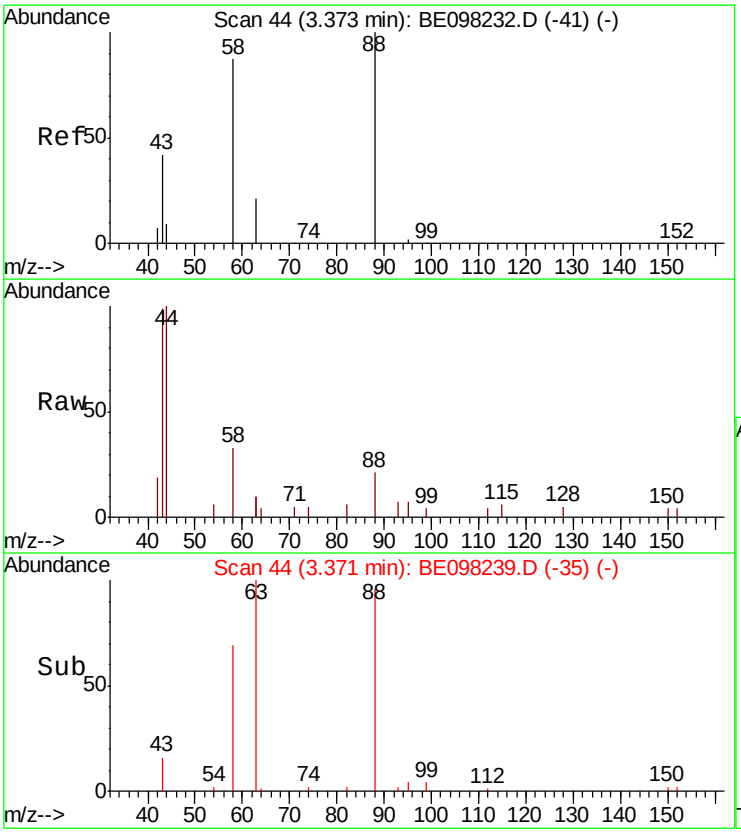
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:152 Resp: 1307

Ion	Ratio	Lower	Upper
152	100		
150	145.4	127.5	191.3
115	69.8	60.3	90.5

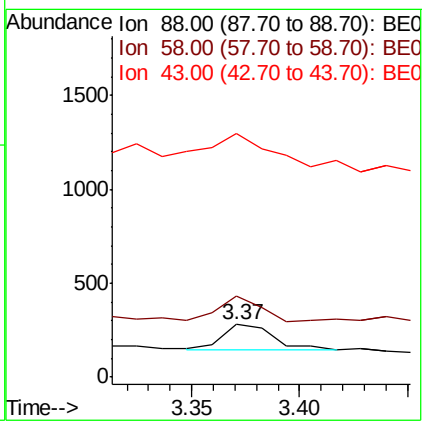


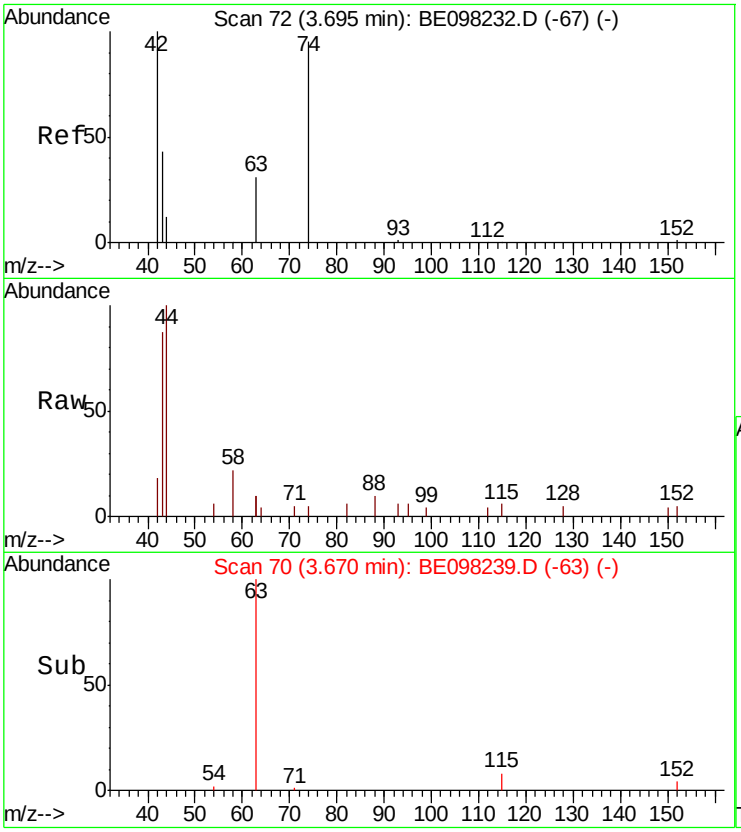


#2
1,4-Dioxane
Concen: 0.107 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion: 88 Resp: 220

Ion	Ratio	Lower	Upper
88	100		
58	77.7	79.0	118.4#
43	230.5	38.1	57.1#



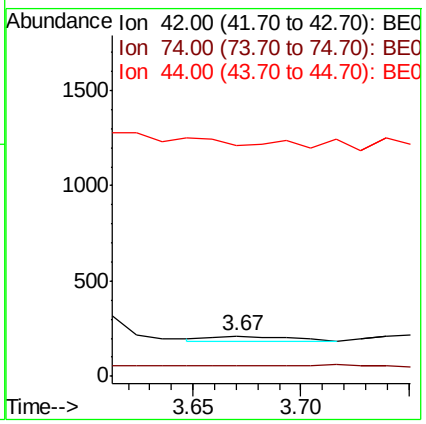


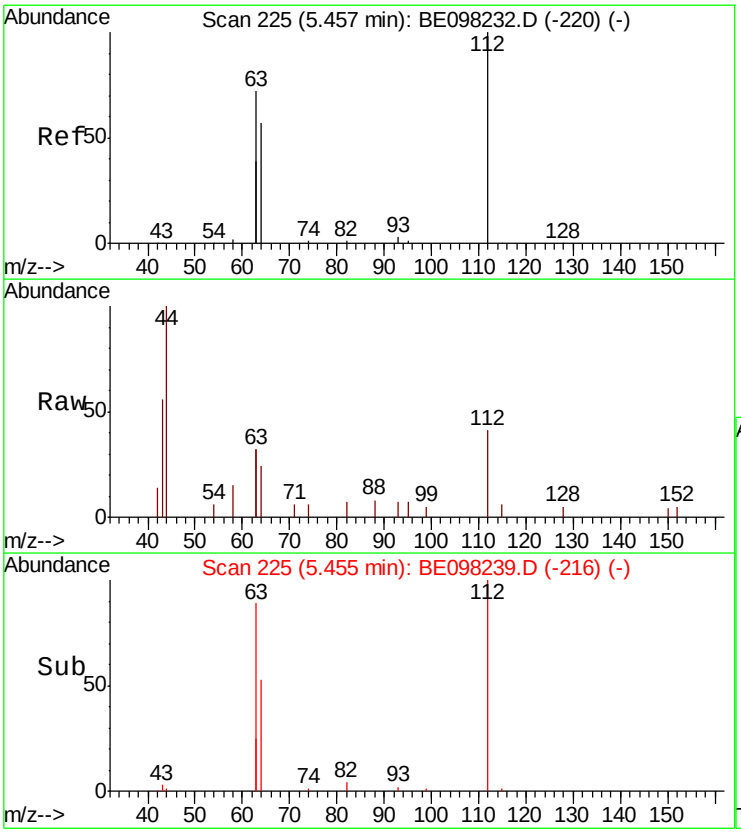
#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.03 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion: 42 Resp: 73

Ion	Ratio	Lower	Upper
42	100		
74	15.1	61.7	92.5#
44	0.0	14.0	21.0#

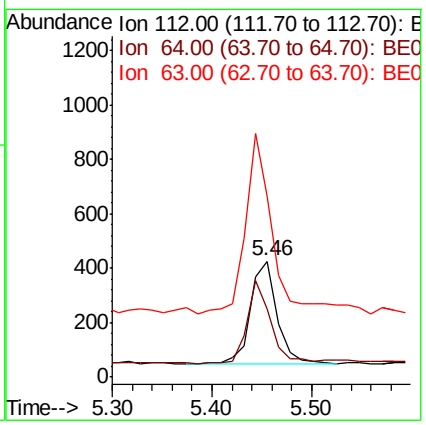


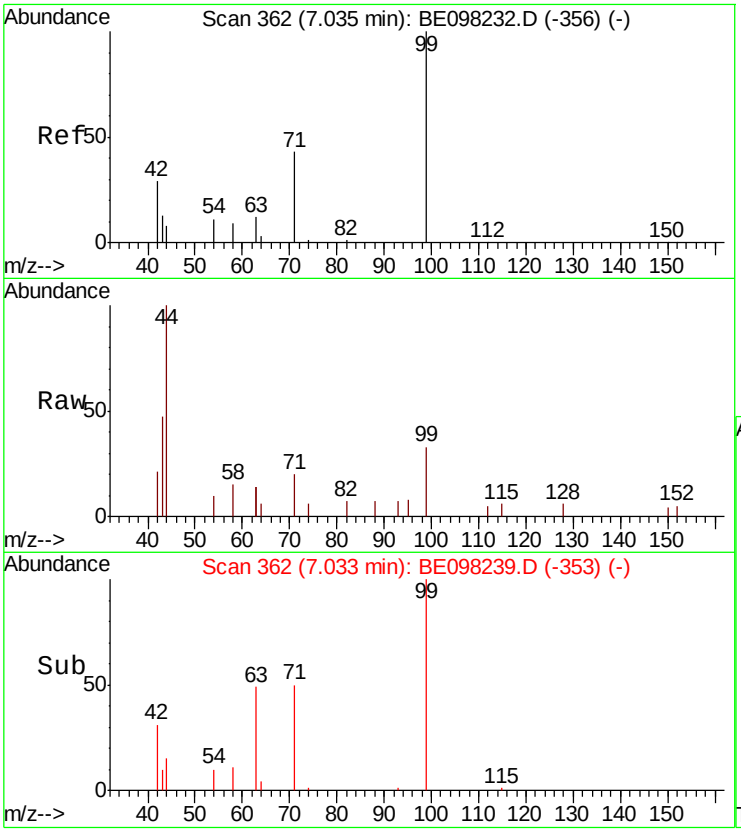


#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:112 Resp: 710

Ion	Ratio	Lower	Upper
112	100		
64	73.0	61.7	92.5
63	182.0	136.2	204.2



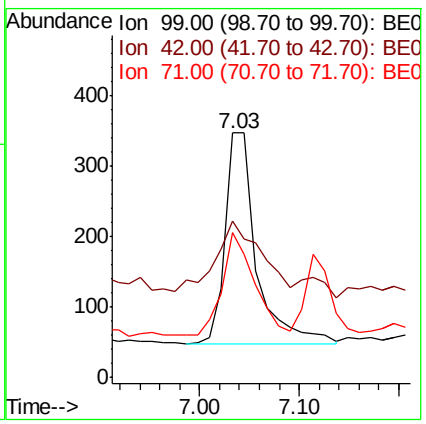


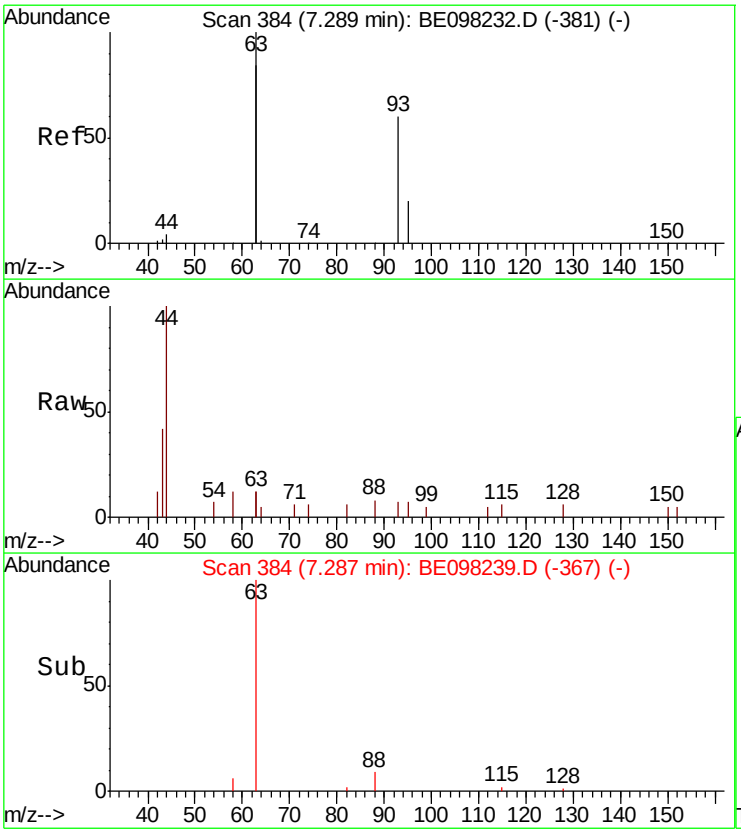
#5
Phenol-d6
Concen: 0.119 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion: 99 Resp: 654

Ion	Ratio	Lower	Upper
99	100		
42	47.1	27.1	40.7#
71	50.0	37.0	55.6

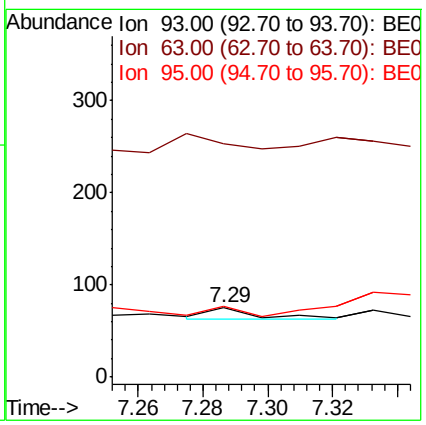


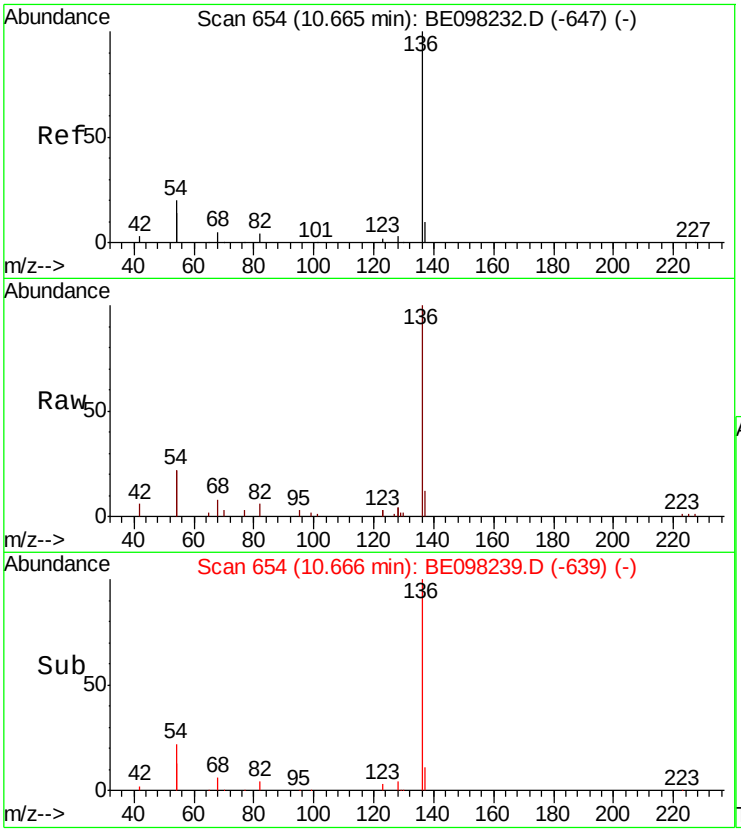


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion: 93 Resp: 12

Ion	Ratio	Lower	Upper
93	100		
63	191.7	272.6	409.0#
95	66.7	27.1	40.7#



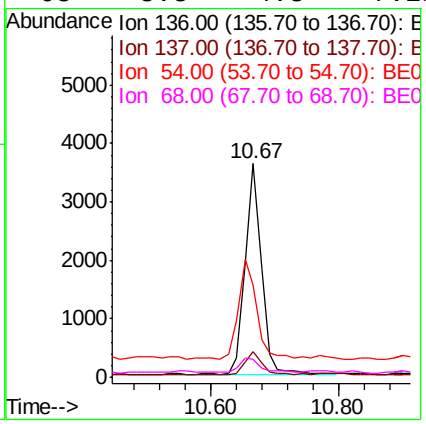


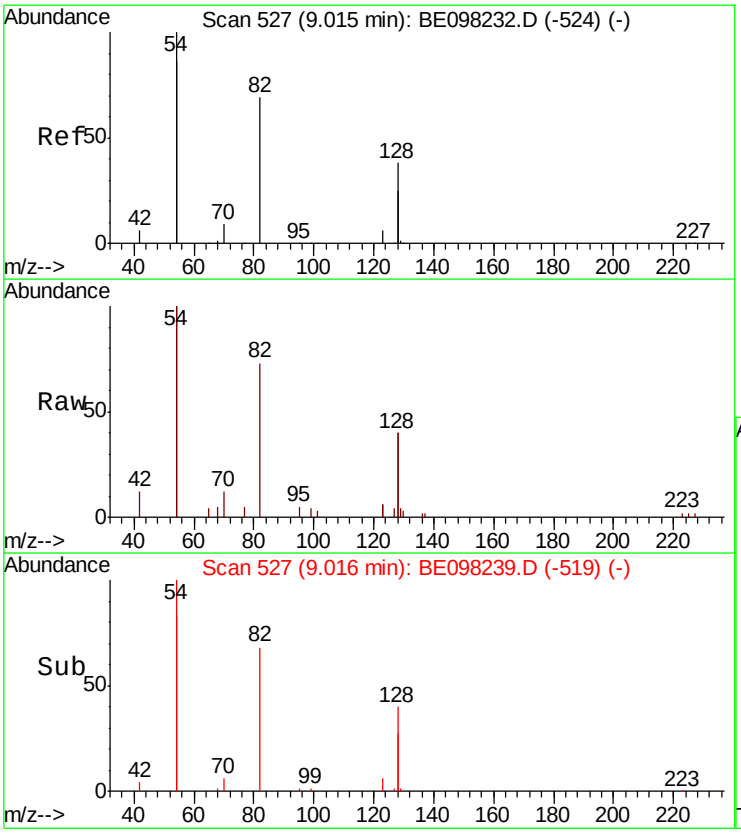
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:136 Resp: 6422

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	43.3	31.3	46.9
68	8.3	4.8	7.2#

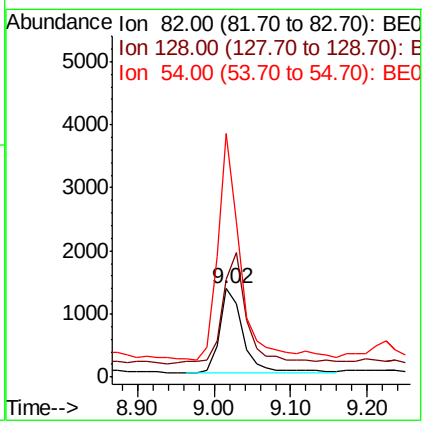


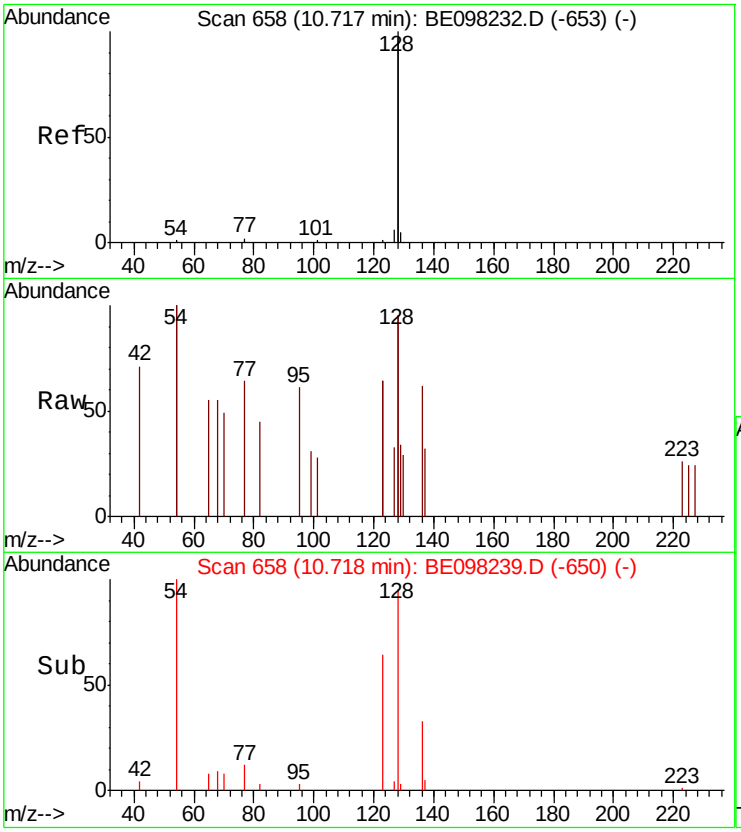


#8
Nitrobenzene-d5
Concen: 0.479 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion: 82 Resp: 2905

Ion	Ratio	Lower	Upper
82	100		
128	110.6	96.1	144.1
54	275.4	232.0	348.0



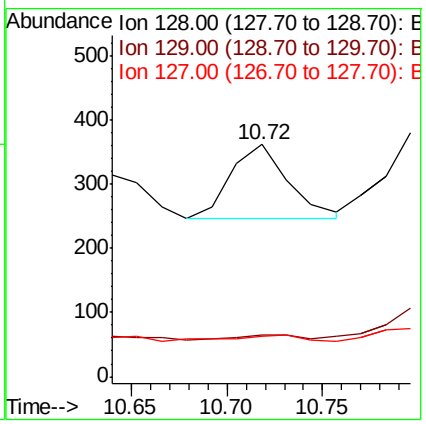


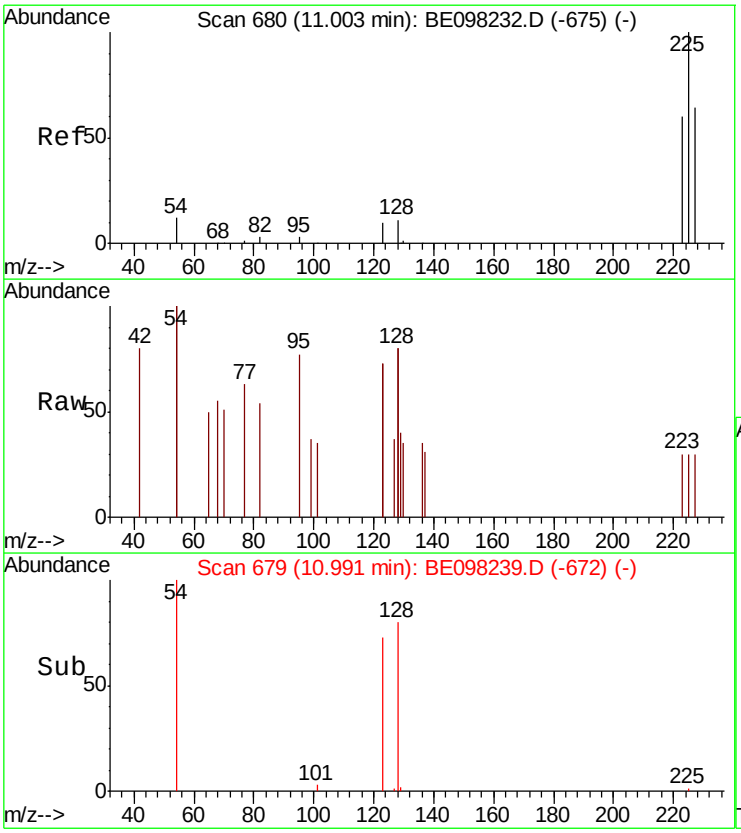
#9
Naphthalene
Concen: 0.004 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:128 Resp: 243

Ion	Ratio	Lower	Upper
128	100		
129	17.7	2.6	4.0#
127	17.1	2.8	4.2#

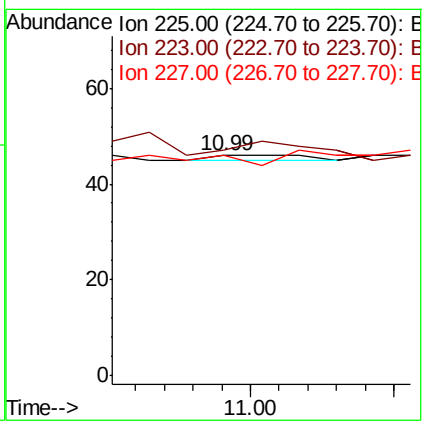


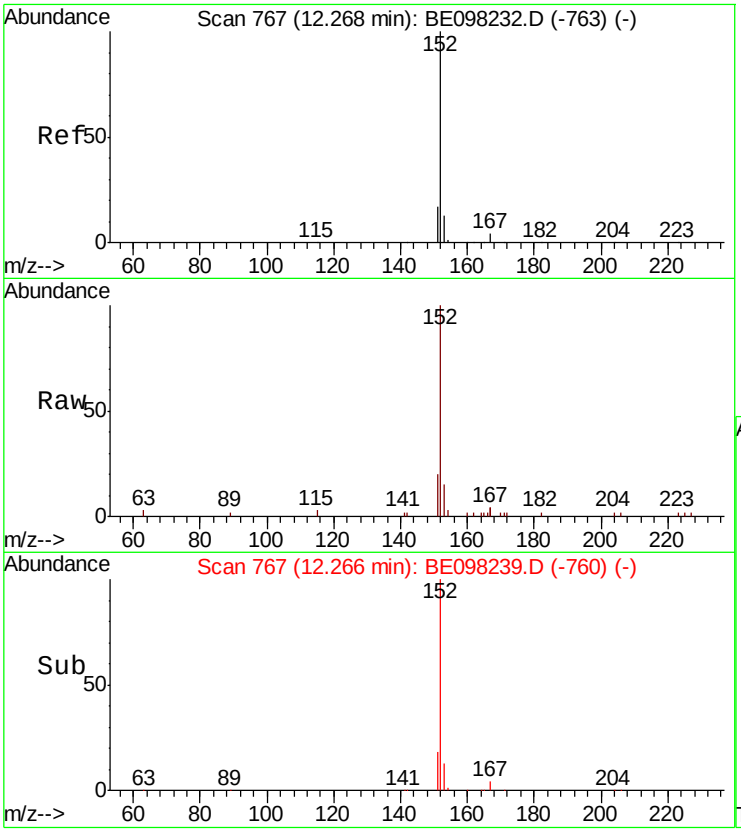


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.01 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.5	75.7#
227	0.0	50.3	75.5#



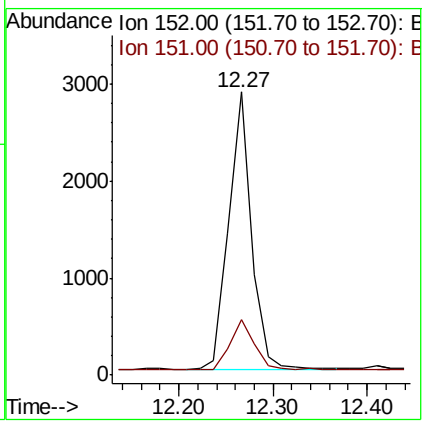


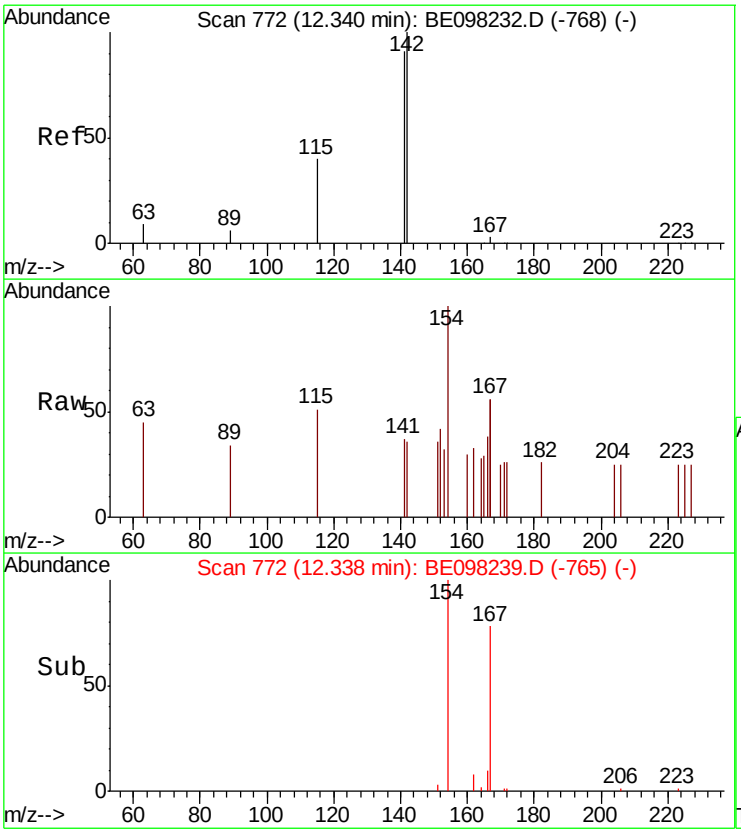
#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:152 Resp: 4817

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.4	23.2

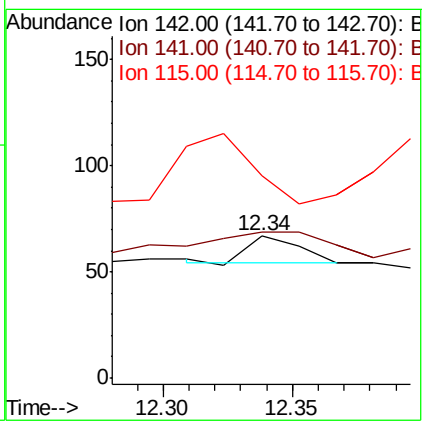


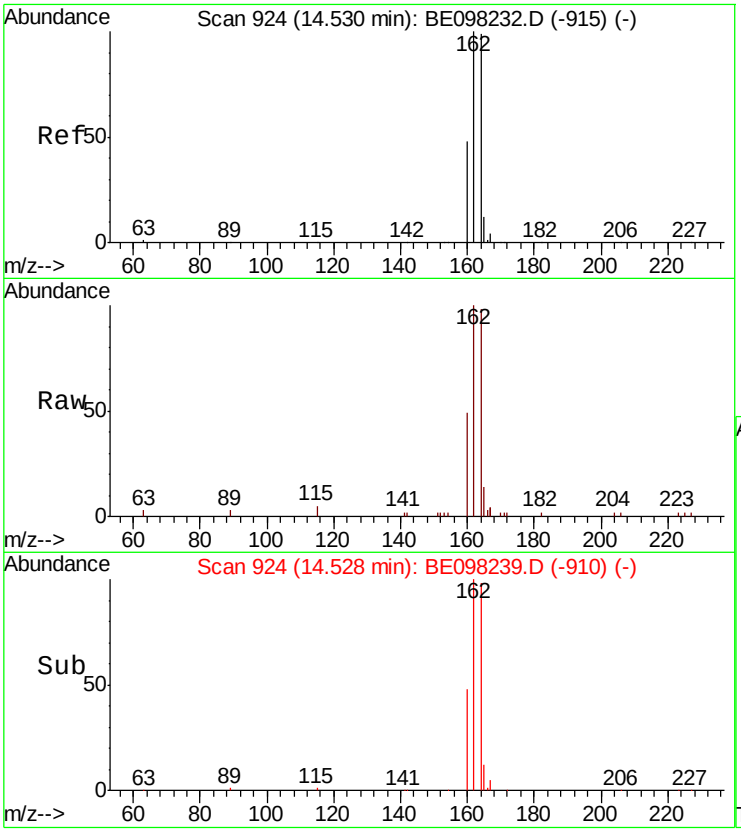


#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:142 Resp: 17

Ion	Ratio	Lower	Upper
142	100		
141	103.0	76.3	114.5
115	141.8	35.8	53.8#



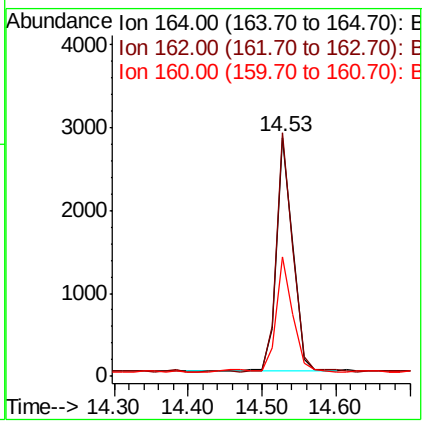


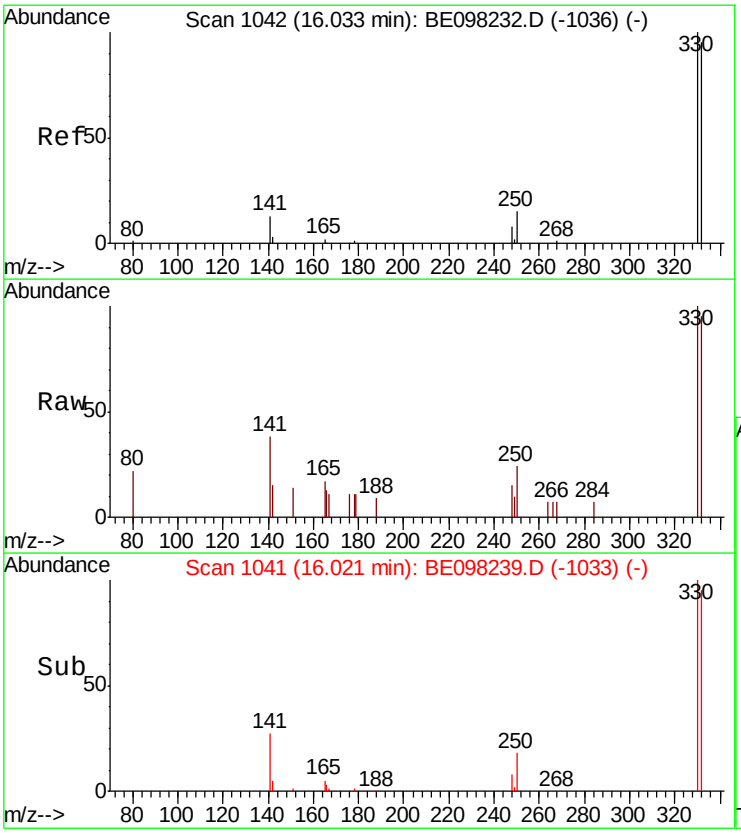
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:164 Resp: 4413

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	49.8	39.4	59.0

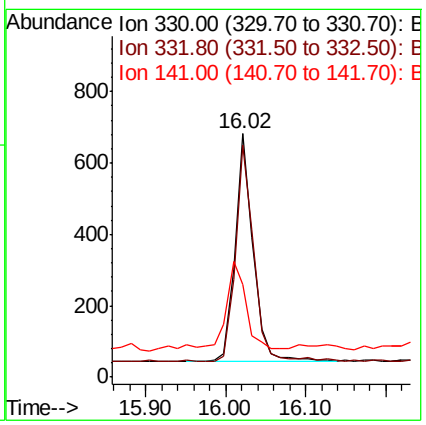


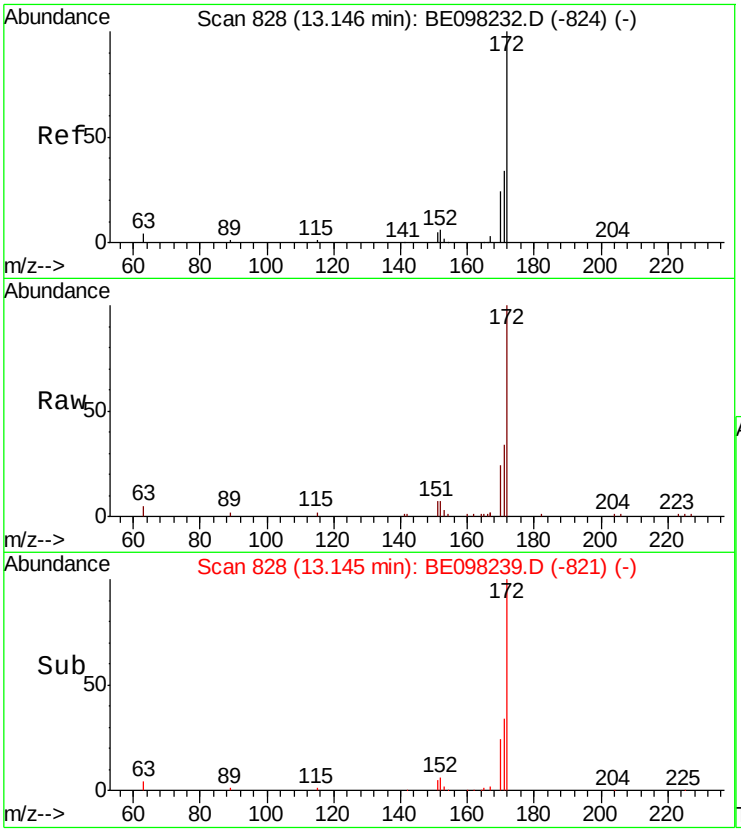


#14
2,4,6-Tribromophenol
Concen: 0.706 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:330 Resp: 1003

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.7	116.5
141	38.9	33.6	50.4



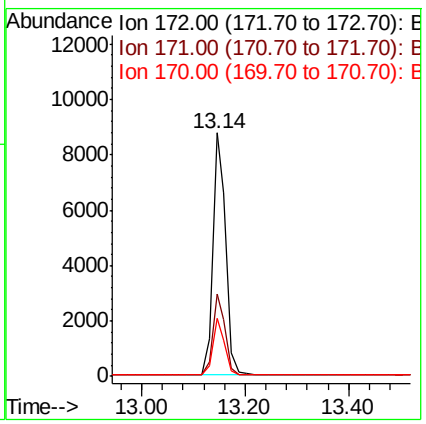


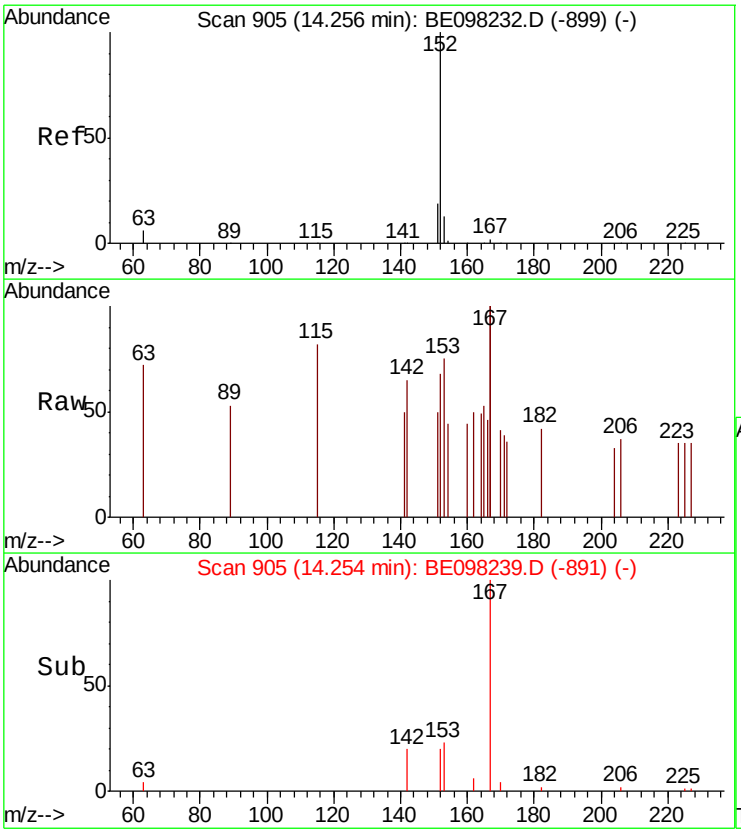
#15
2-Fluorobiphenyl
Concen: 0.804 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:172 Resp: 15424

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.3	40.9
170	24.0	19.4	29.0

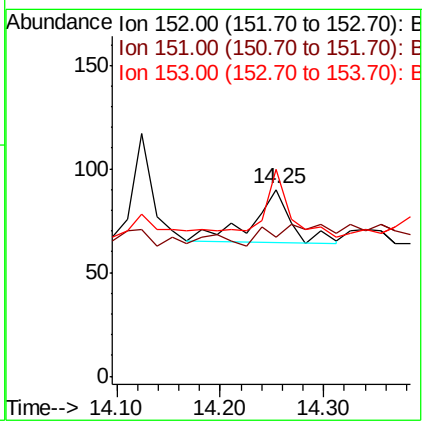


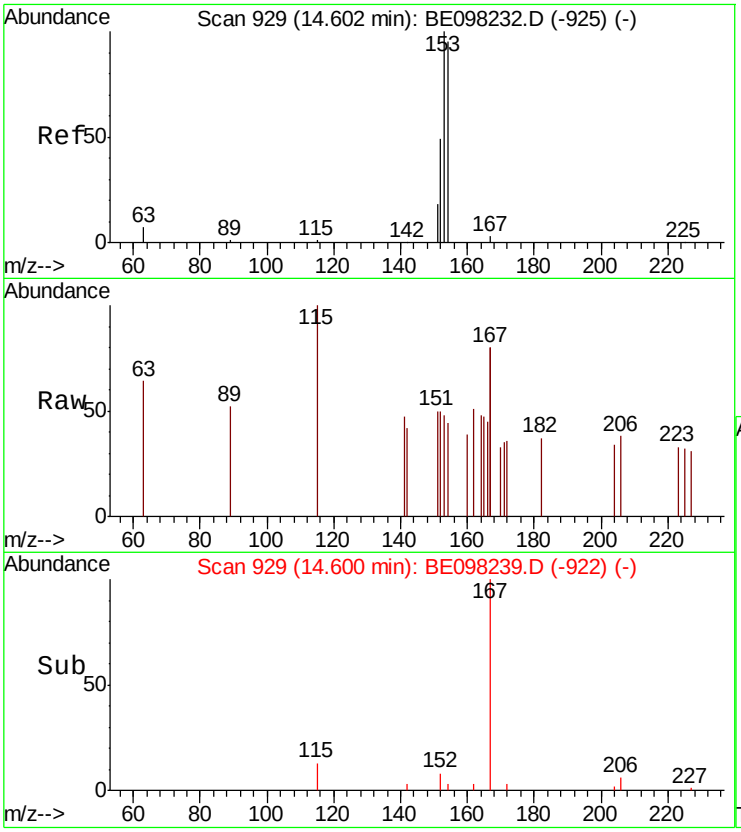


#16
Acenaphthylene
Concen: 0.003 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:152 Resp: 68

Ion	Ratio	Lower	Upper
152	100		
151	60.3	16.4	24.6#
153	83.8	10.6	15.8#



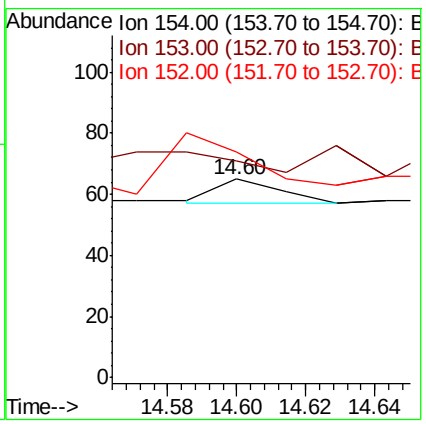


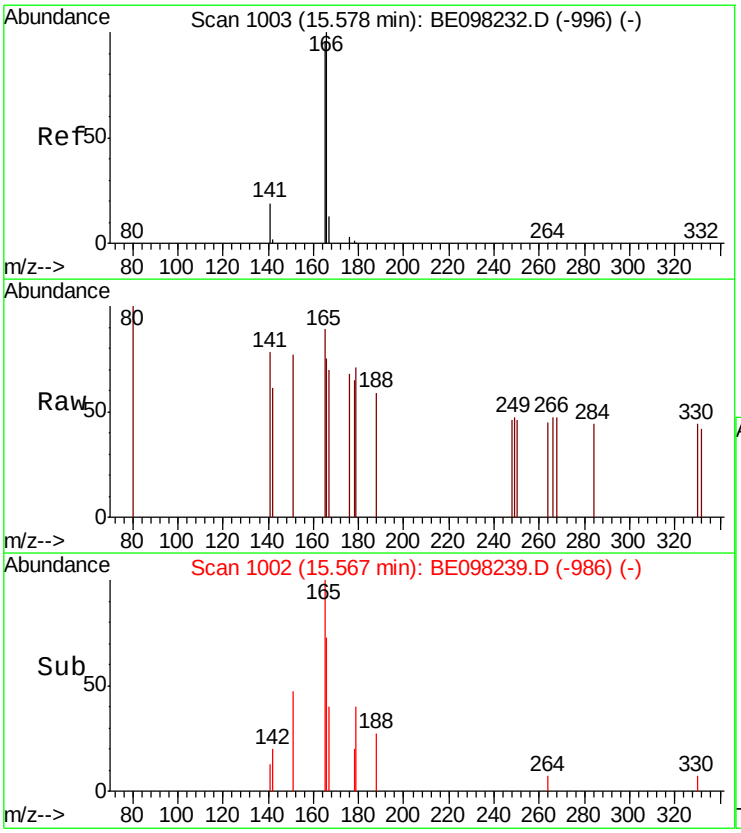
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:154 Resp: 10

Ion	Ratio	Lower	Upper
154	100		
153	0.0	92.1	138.1#
152	0.0	46.2	69.2#

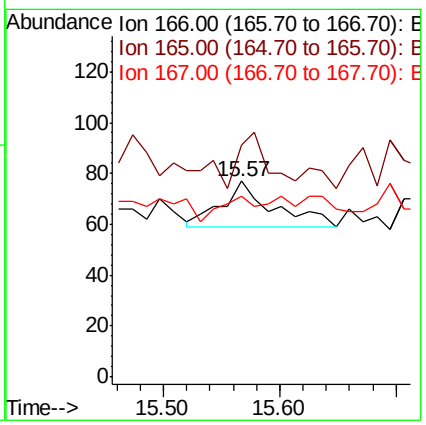


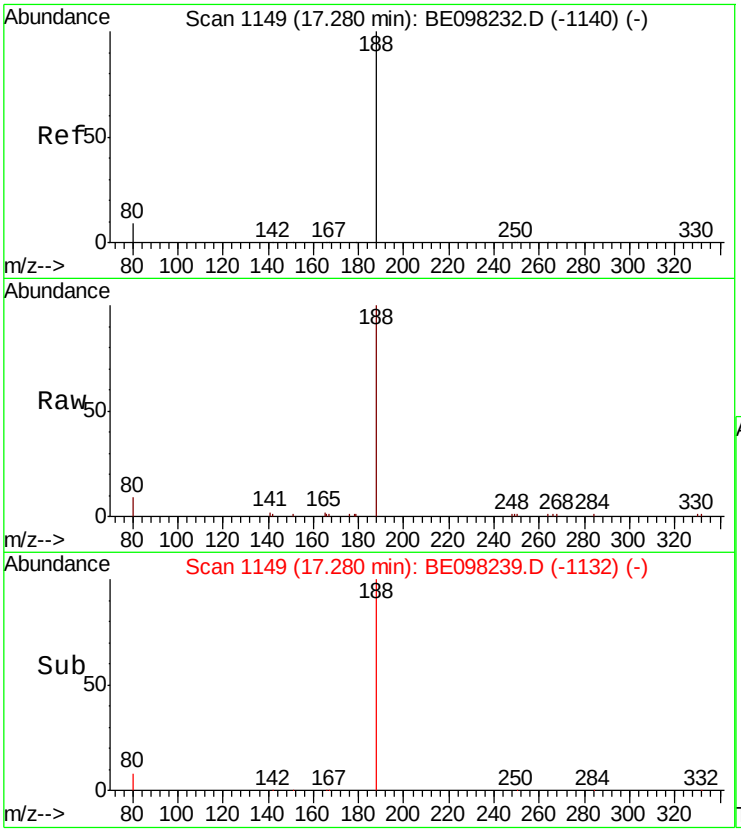


#18
Fluorene
Concen: 0.003 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:166 Resp: 55

Ion	Ratio	Lower	Upper
166	100		
165	69.1	80.1	120.1#
167	36.4	10.8	16.2#



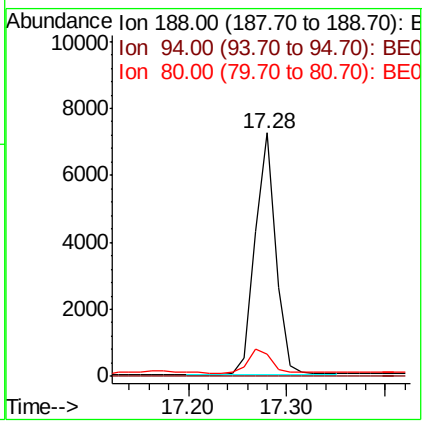


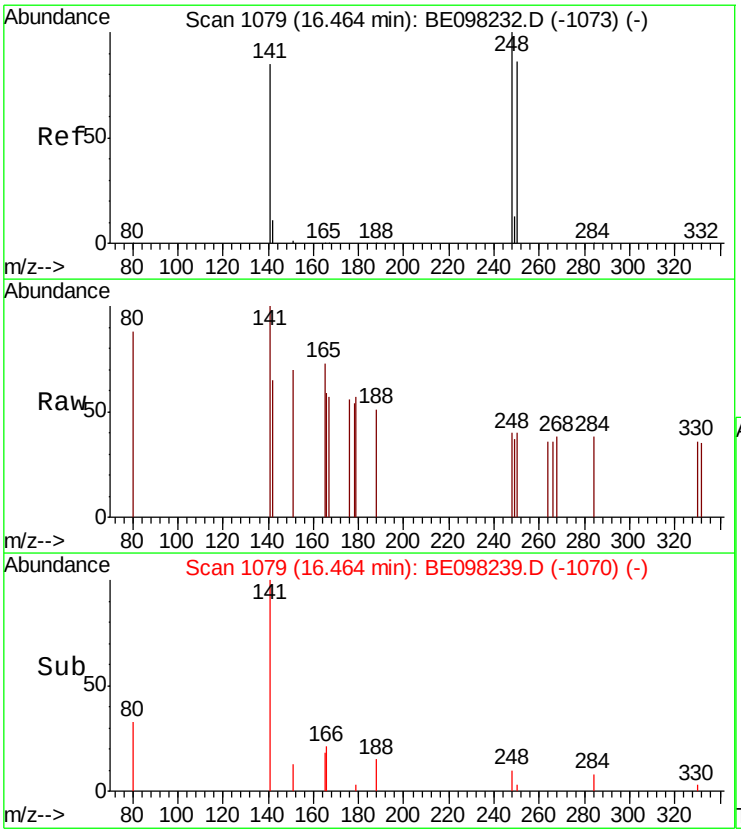
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:188 Resp: 10531

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.7	10.1

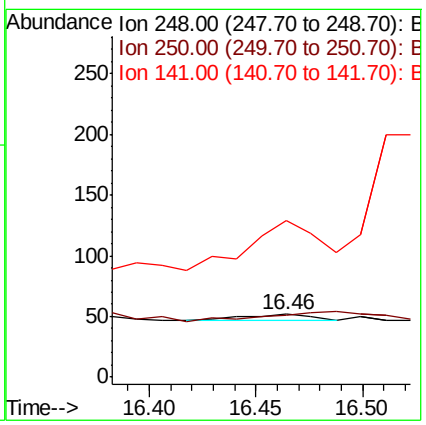


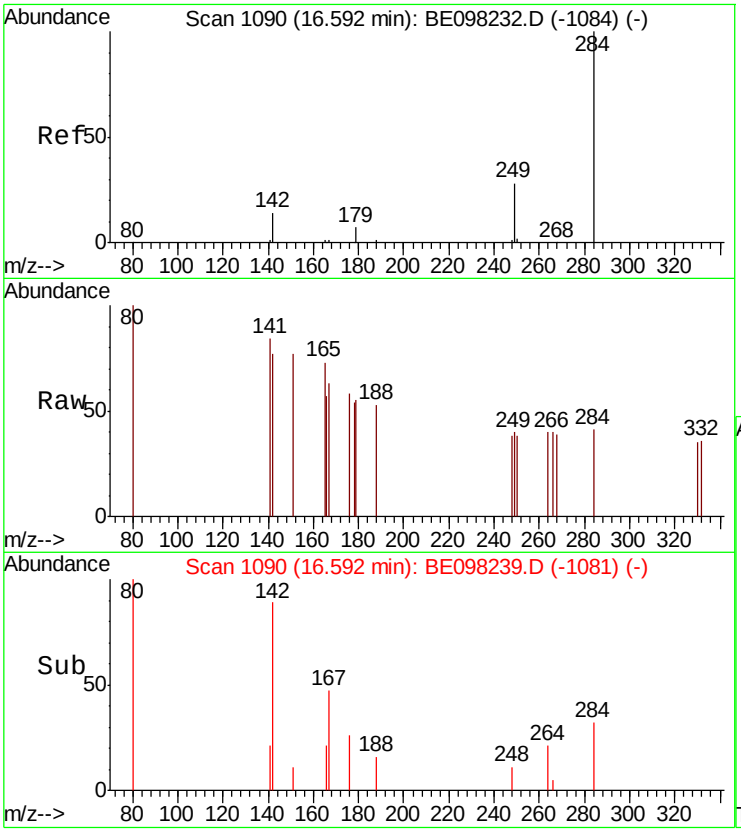


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:248 Resp: 10

Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.6	116.4
141	248.1	65.8	98.8#



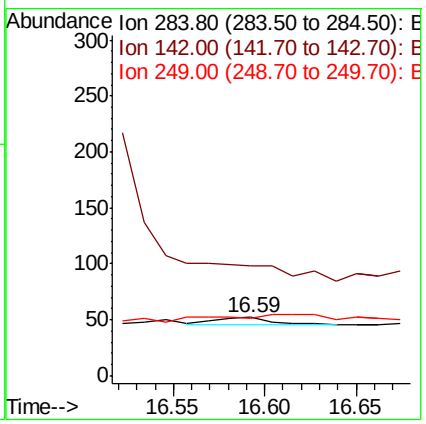


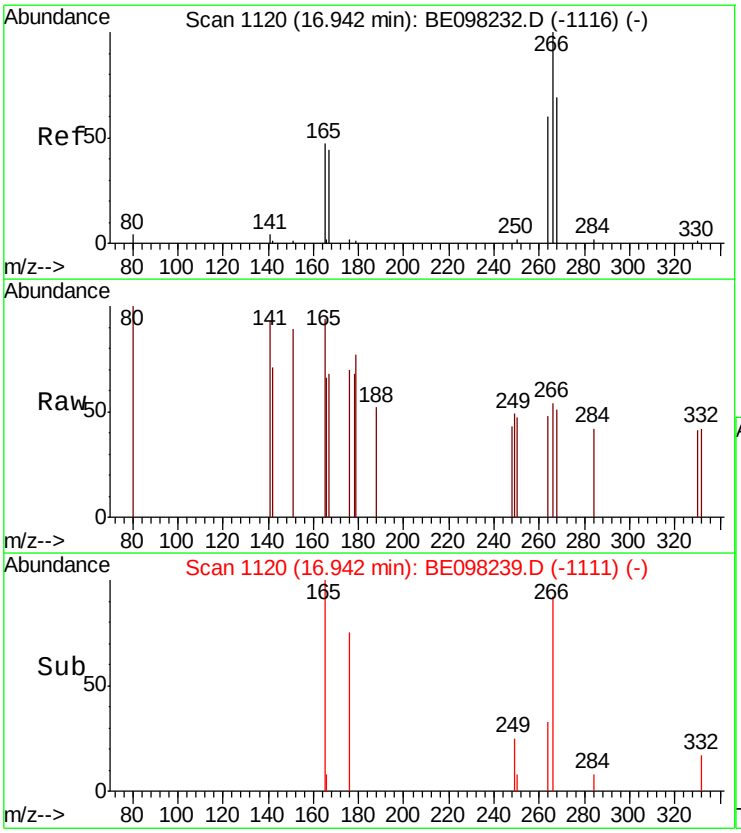
#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:284 Resp: 13

Ion	Ratio	Lower	Upper
284	100		
142	0.0	26.5	39.7#
249	207.7	28.4	42.6#

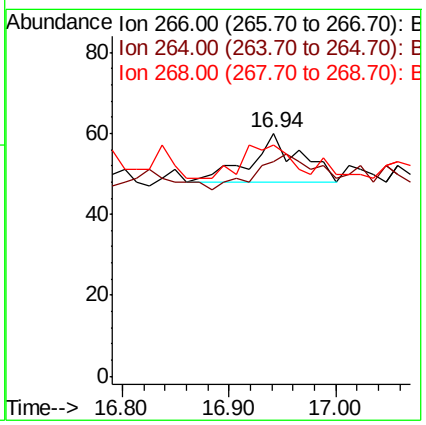


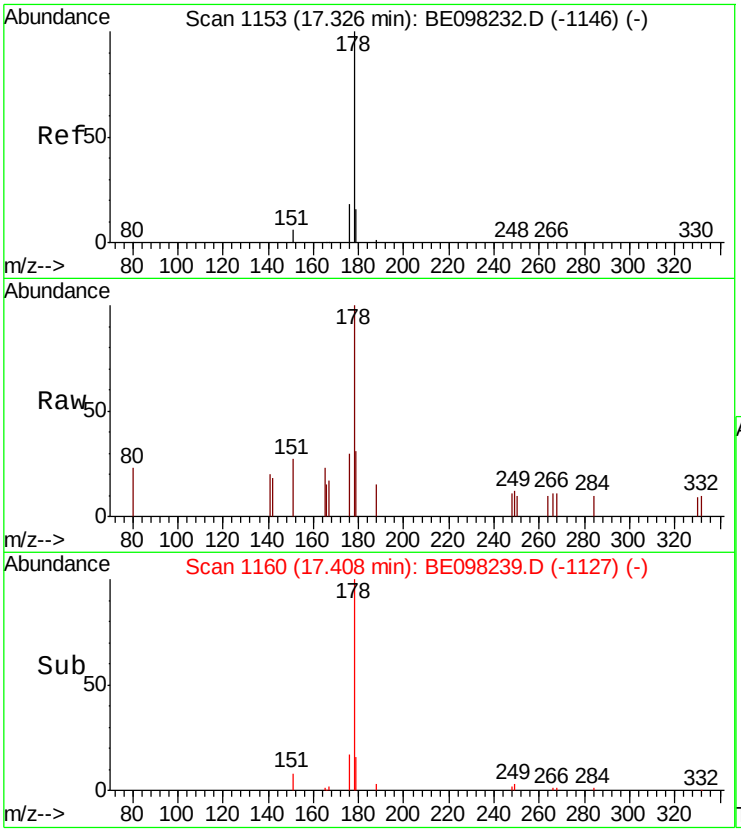


#22
Pentachlorophenol
Concen: 0.130 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:266 Resp: 39

Ion	Ratio	Lower	Upper
266	100		
264	88.3	57.6	86.4#
268	95.0	56.8	85.2#



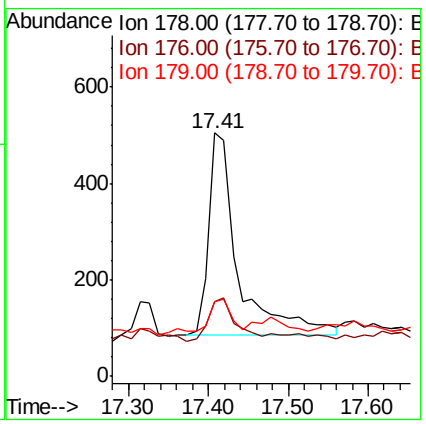


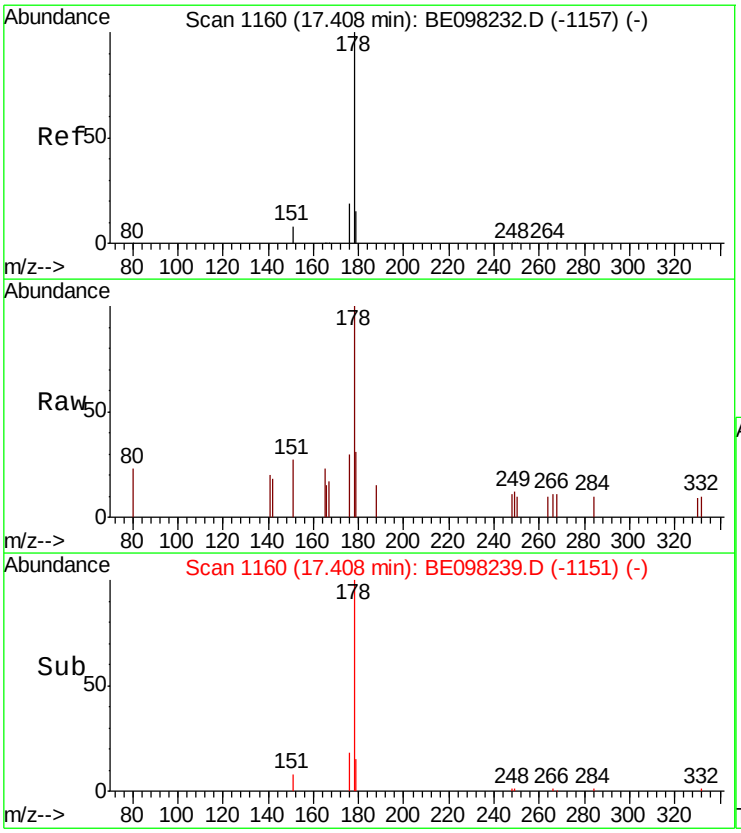
#23
Phenanthrene
Concen: 0.040 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.08 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:178 Resp: 1076

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	12.3	18.5

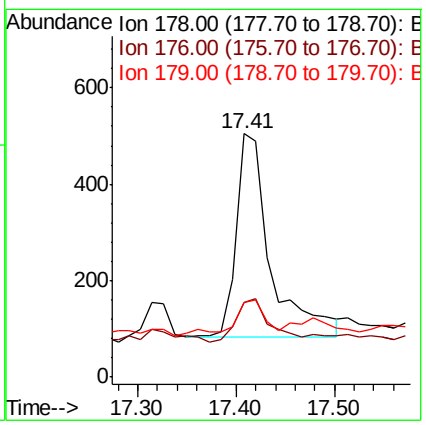


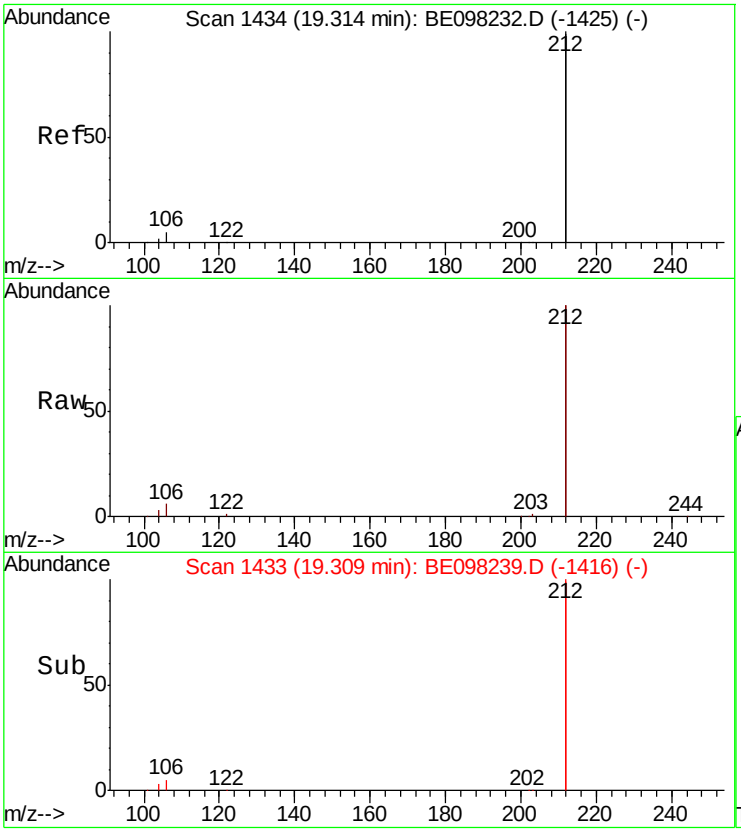


#24
Anthracene
Concen: 0.041 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:178 Resp: 1012

Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.7	23.5
179	16.7	12.1	18.1



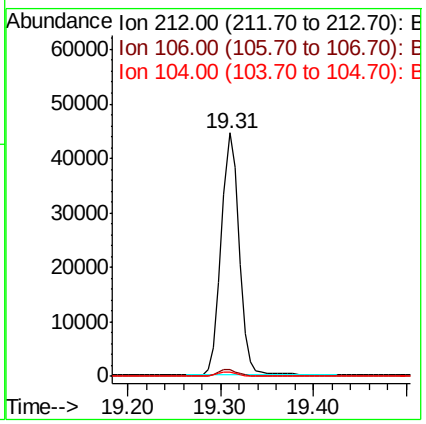


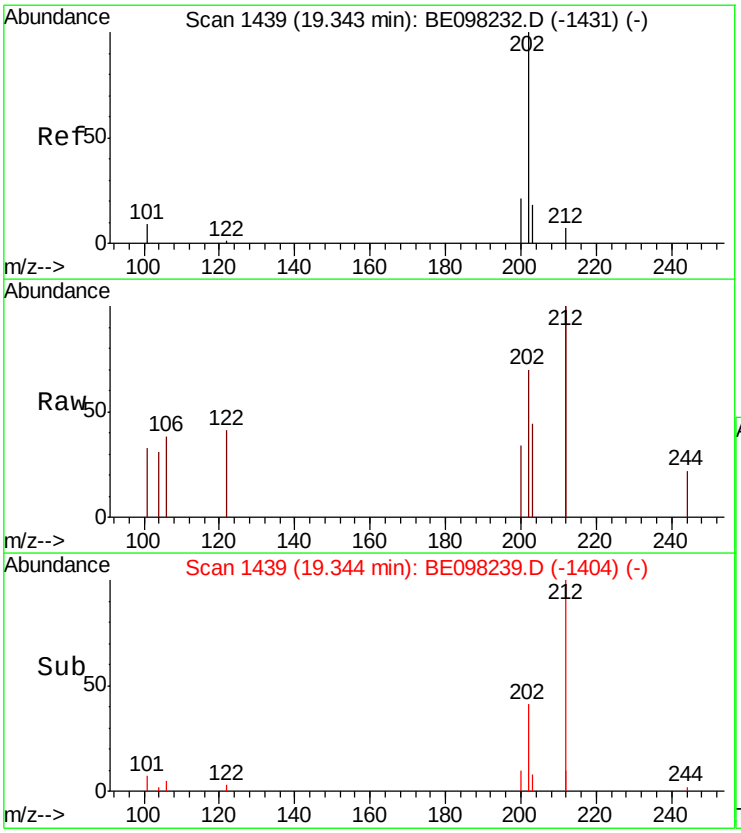
#25
Fluoranthene-d10
Concen: 0.461 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:212 Resp: 59006

Ion	Ratio	Lower	Upper
212	100		
106	2.8	1.8	2.8#
104	1.5	1.1	1.7

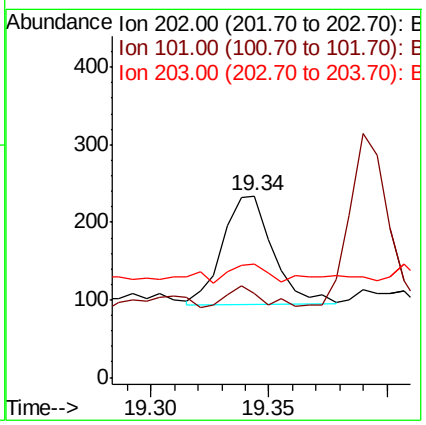


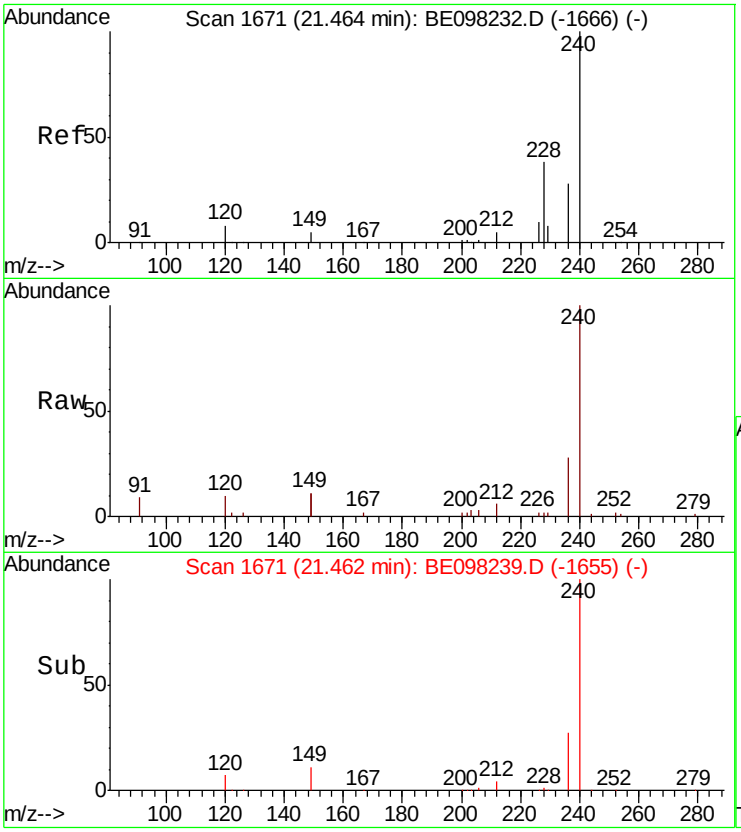


#26
Fluoranthene
Concen: 0.006 ng
RT: 19.34 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:202 Resp: 209

Ion	Ratio	Lower	Upper
202	100		
101	13.9	7.0	10.6#
203	13.4	13.7	20.5#



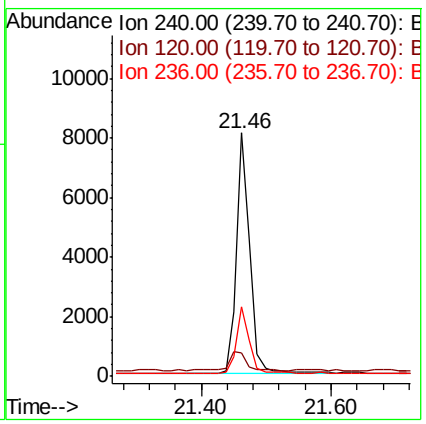


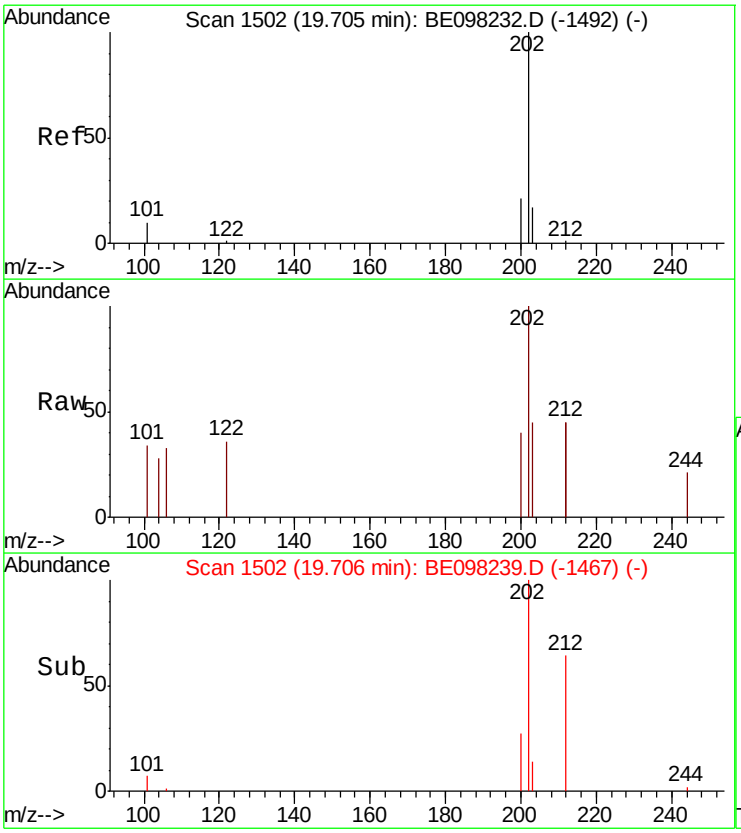
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:240 Resp: 11614

Ion	Ratio	Lower	Upper
240	100		
120	9.8	4.8	7.2#
236	28.4	21.4	32.0

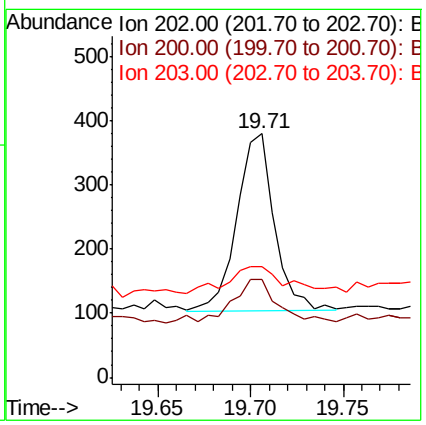


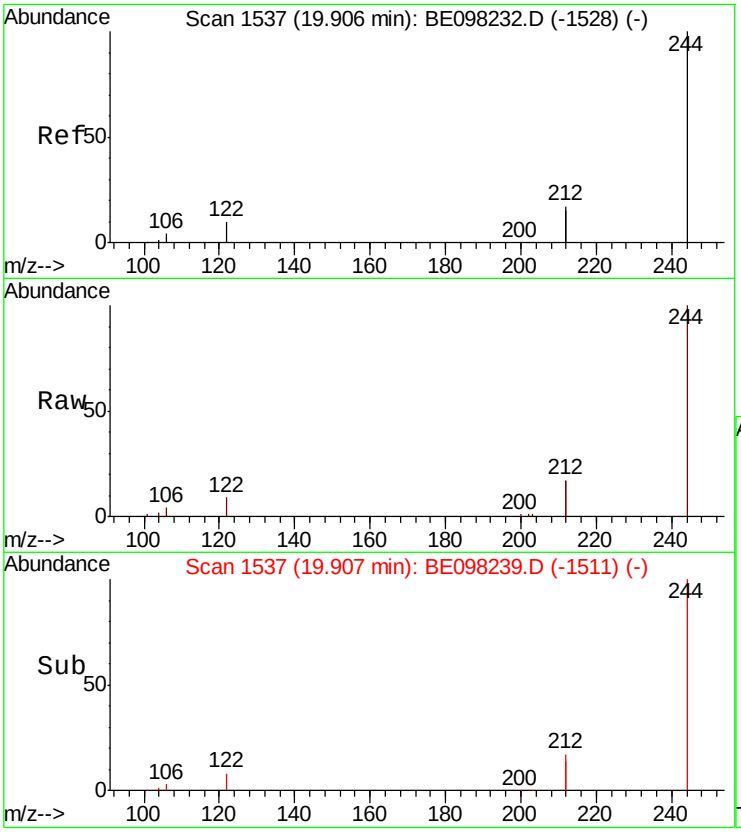


#28
Pyrene
Concen: 0.011 ng
RT: 19.71 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:202 Resp: 390

Ion	Ratio	Lower	Upper
202	100		
200	27.4	17.2	25.8#
203	25.6	14.2	21.4#



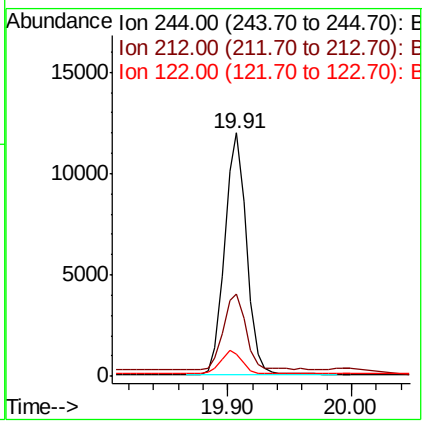


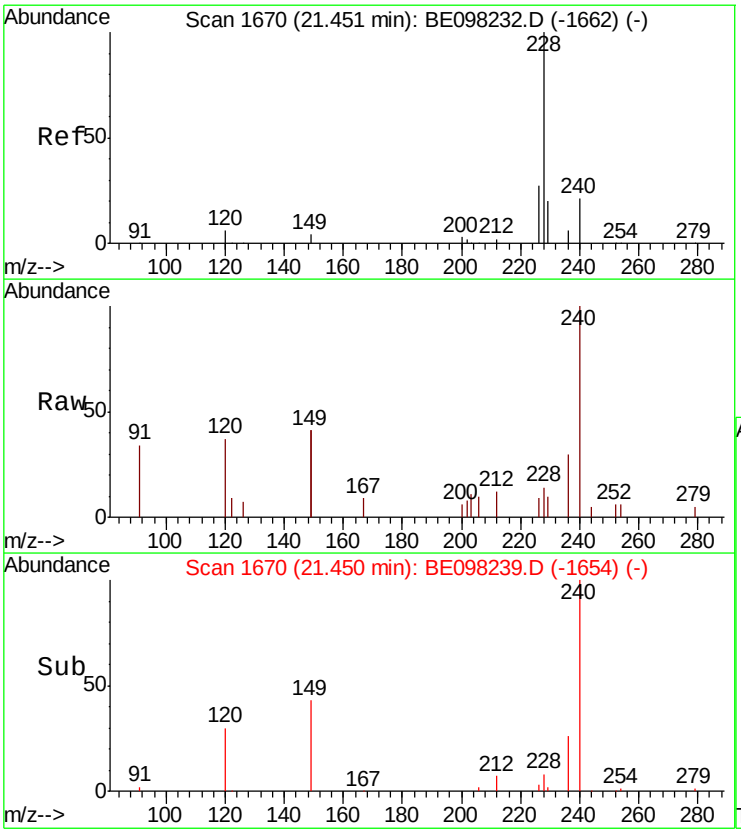
#29
Terphenyl-d14
Concen: 0.550 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:244 Resp: 14688

Ion	Ratio	Lower	Upper
244	100		
212	33.7	26.8	40.2
122	9.2	7.0	10.6

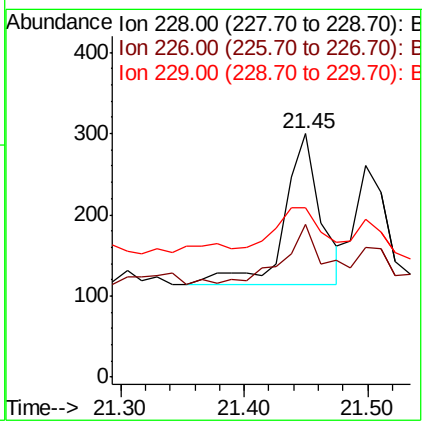


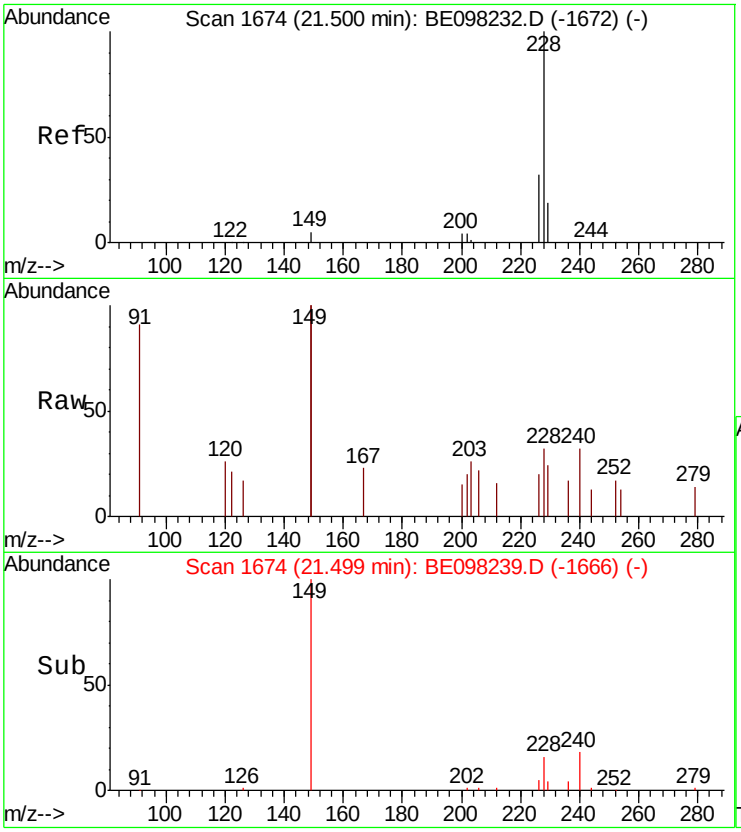


#30
Benzo(a)anthracene
Concen: 0.011 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:228 Resp: 383

Ion	Ratio	Lower	Upper
228	100		
226	62.7	20.7	31.1#
229	69.3	16.2	24.4#



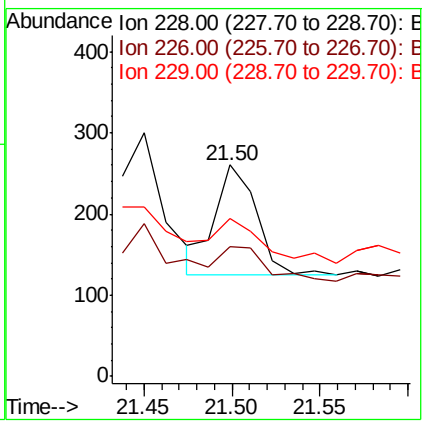


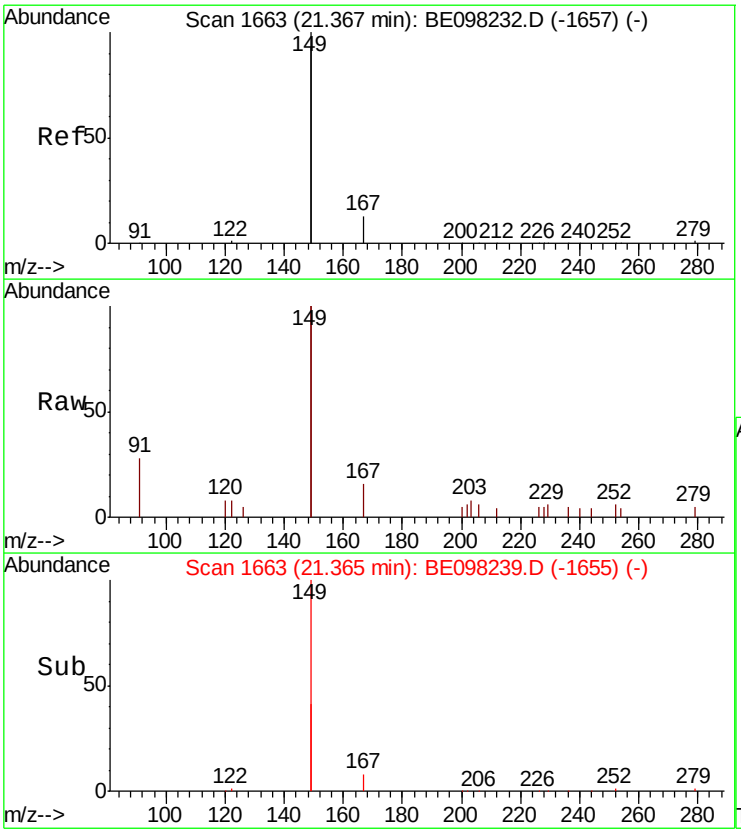
#31
Chrysene
Concen: 0.006 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:228 Resp: 220

Ion	Ratio	Lower	Upper
228	100		
226	61.5	24.6	36.8#
229	74.6	16.0	24.0#

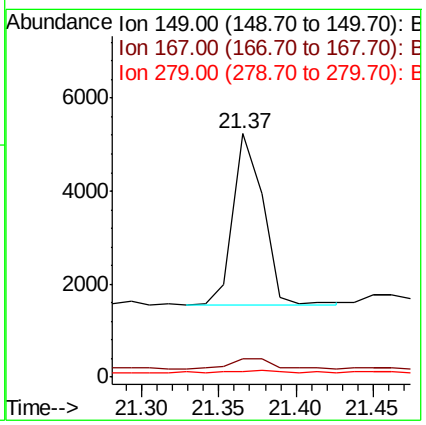


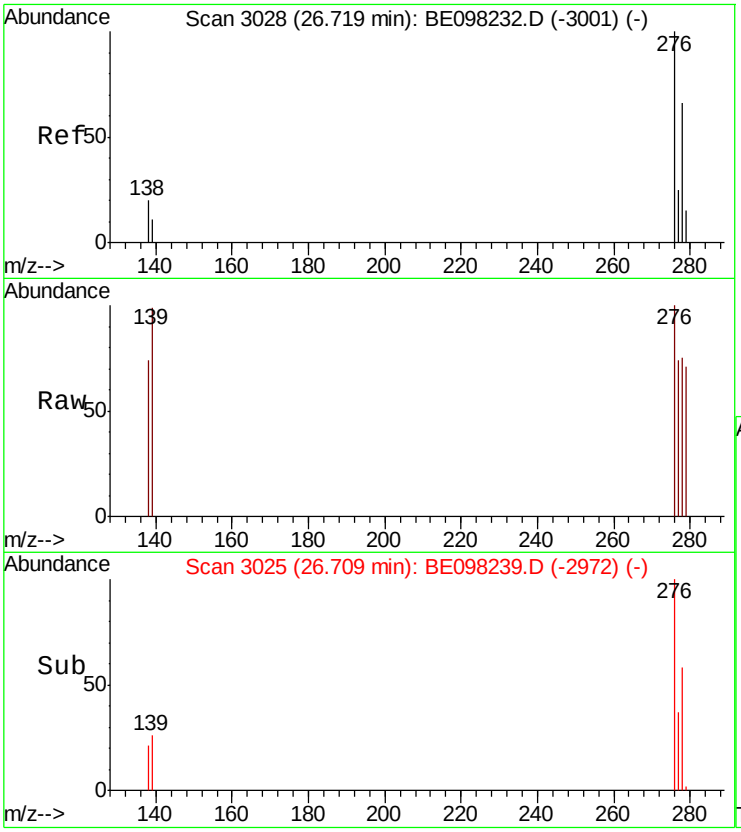


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:149 Resp: 4945

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.6	8.4
279	2.1	0.9	1.3#



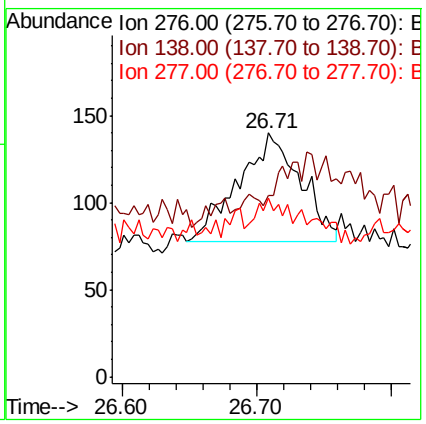


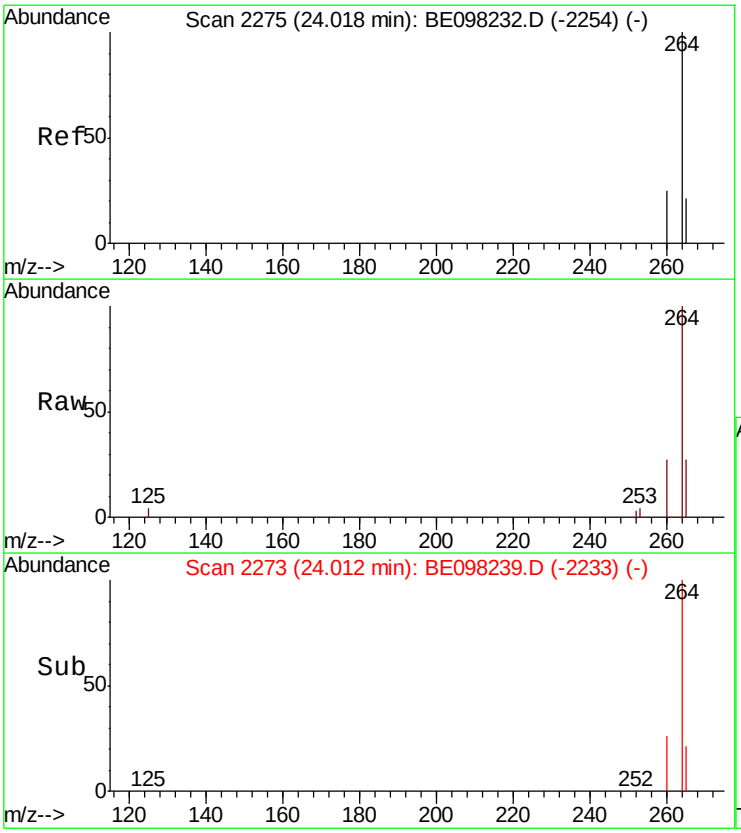
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.007 ng
RT: 26.71 min Scan# 3025
Delta R.T. -0.01 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:276 Resp: 196

Ion	Ratio	Lower	Upper
276	100		
138	14.8	6.4	9.6#
277	8.7	18.9	28.3#

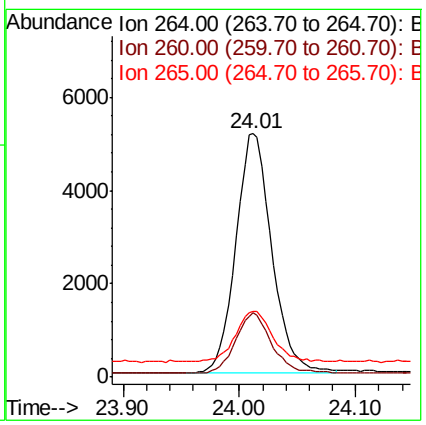


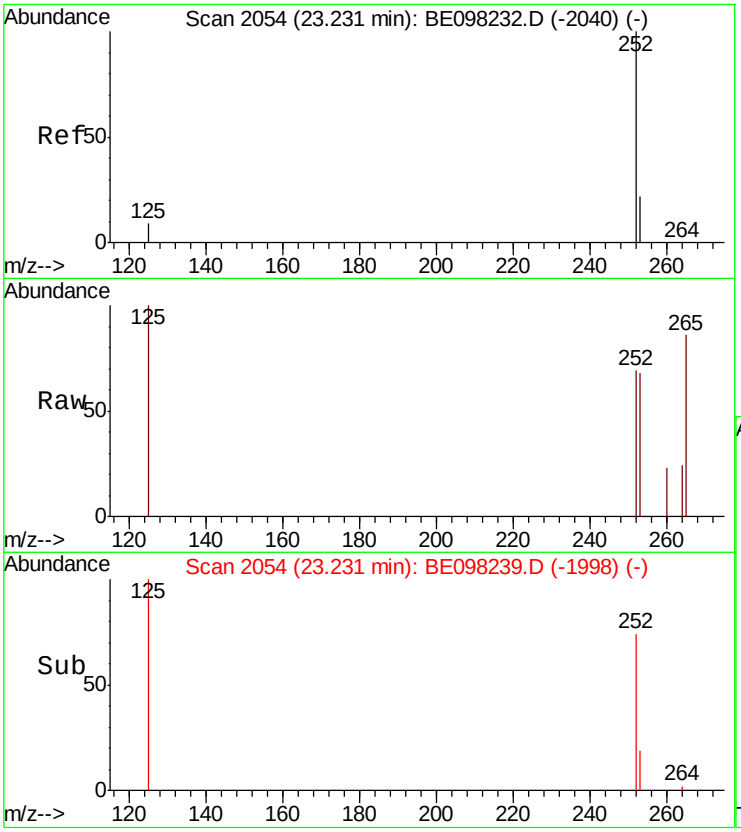


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:264 Resp: 11040

Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.9	29.9
265	26.8	21.3	31.9



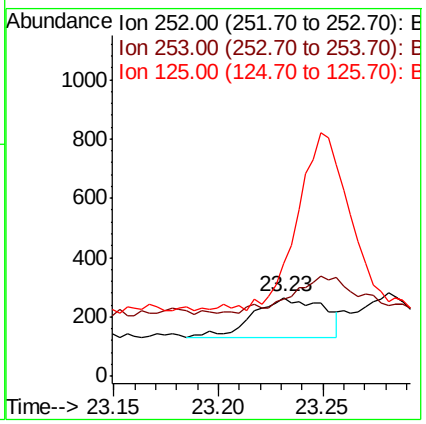


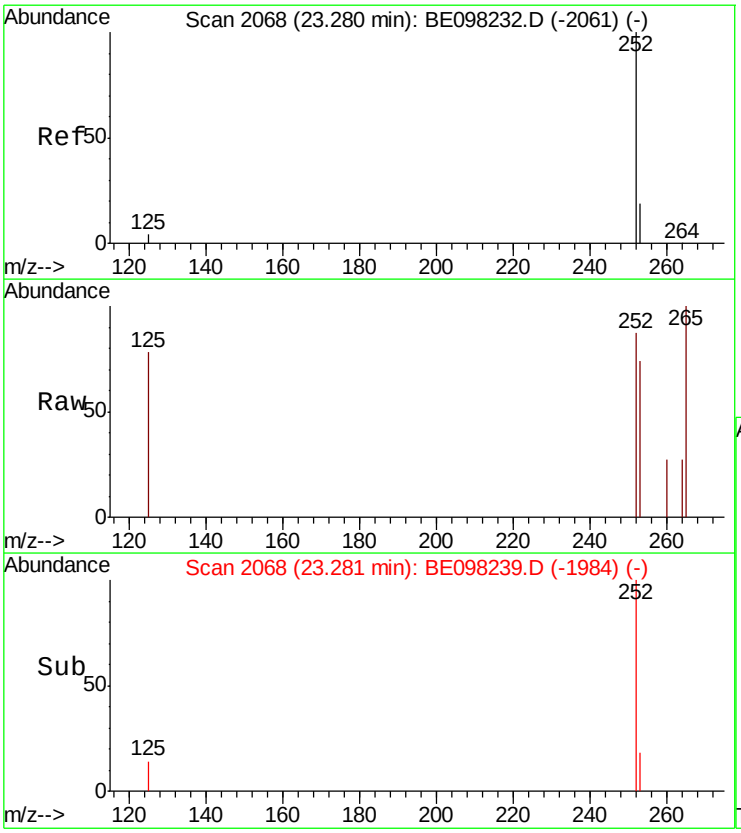
#35
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:252 Resp: 311

Ion	Ratio	Lower	Upper
252	100		
253	98.5	19.4	29.0#
125	144.0	8.6	12.8#

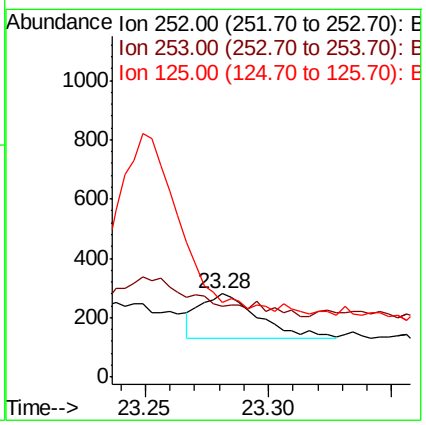


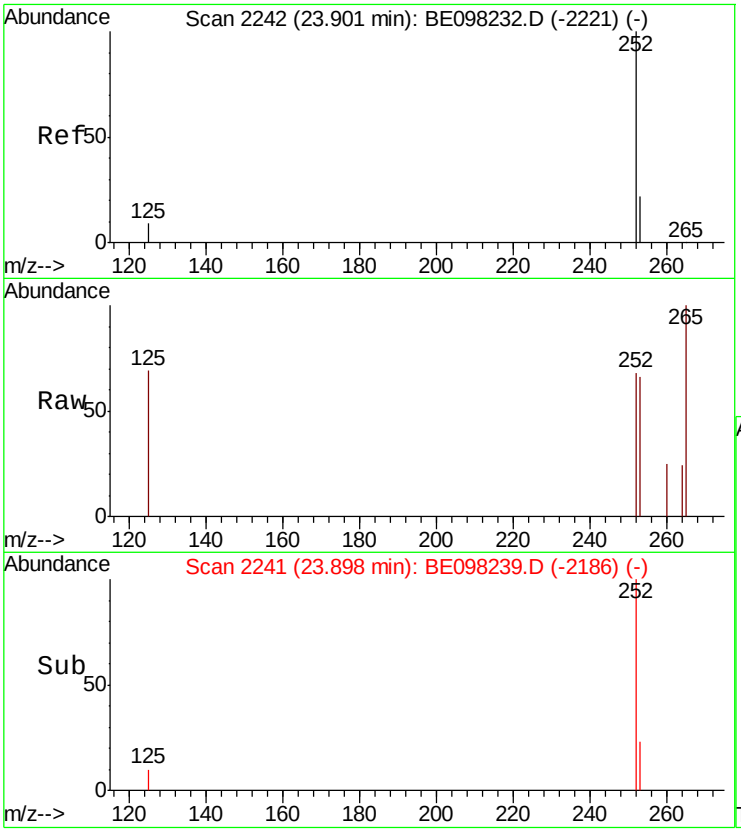


#36
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:252 Resp: 254

Ion	Ratio	Lower	Upper
252	100		
253	85.4	18.6	28.0#
125	90.0	7.4	11.0#



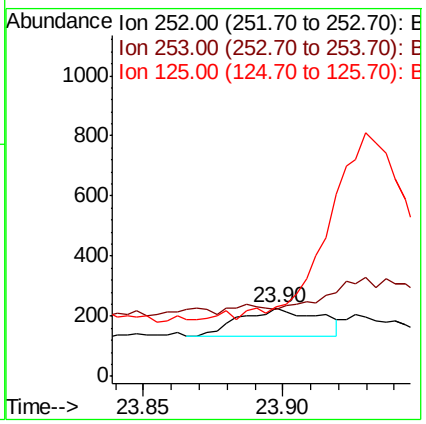


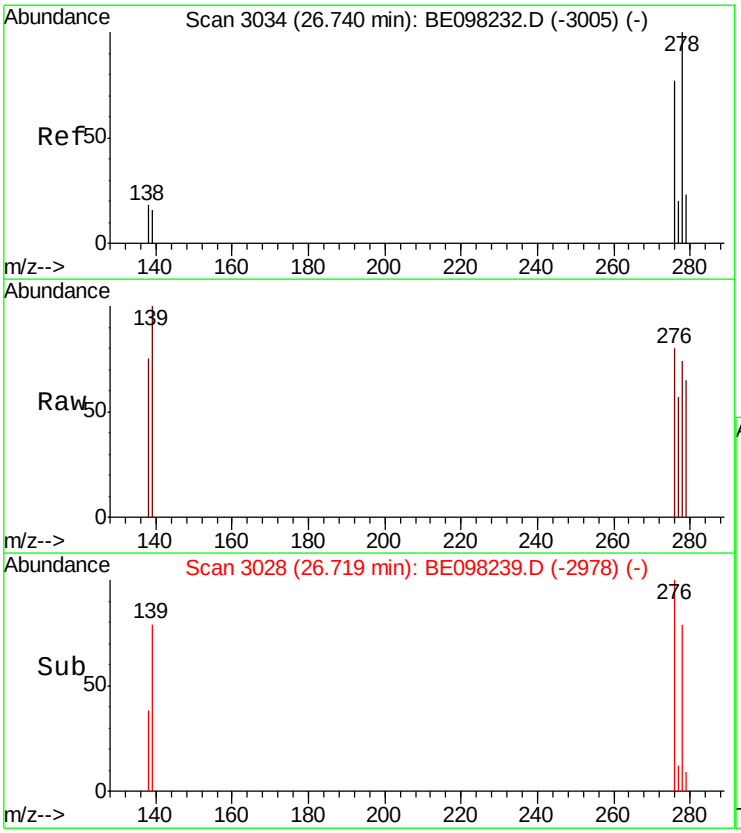
#37
Benzo(a)pyrene
Concen: 0.006 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:252 Resp: 184

Ion	Ratio	Lower	Upper
252	100		
253	97.8	18.6	27.8#
125	101.3	8.0	12.0#

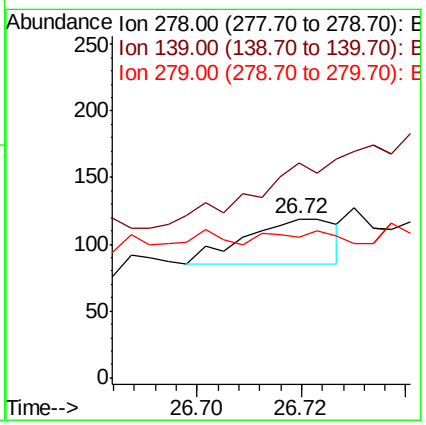


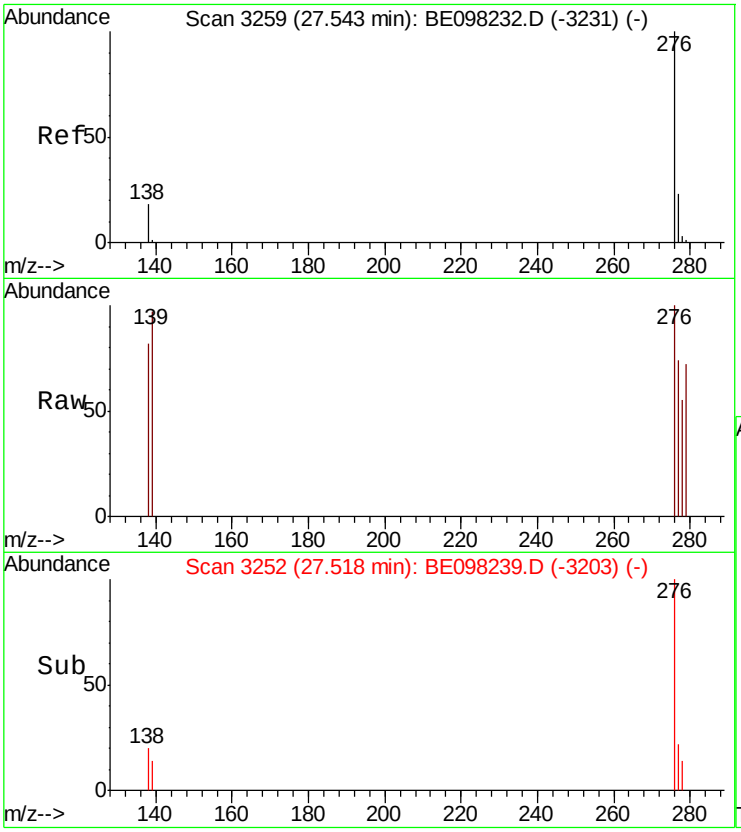


#38
Dibenzo(a,h)anthracene
Concen: 0.002 ng
RT: 26.72 min Scan# 3028
Delta R.T. -0.02 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:278 Resp: 42

Ion	Ratio	Lower	Upper
278	100		
139	135.3	16.4	24.6#
279	88.2	21.3	31.9#





#39
Benzo(g,h,i)perylene
Concen: 0.002 ng
RT: 27.52 min Scan# 3252
Delta R.T. -0.02 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:276 Resp: 64

Ion	Ratio	Lower	Upper
276	100		
277	74.0	20.4	30.6#
138	81.9	13.2	19.8#